

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017304.D
 Acq On : 08 Feb 2024 11:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:10:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	100782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	151734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	45723	50.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.580%	
35) Dibromofluoromethane	7.722	113	45589	48.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.940%	
50) Toluene-d8	10.185	98	170654	50.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.489	95	56546	50.921	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31020	40.602	ug/l	93
3) Chloromethane	2.107	50	90119	65.661	ug/l	99
4) Vinyl Chloride	2.247	62	104039	62.204	ug/l	100
5) Bromomethane	2.649	94	75668	65.266	ug/l	98
6) Chloroethane	2.790	64	71086	65.825	ug/l	99
7) Trichlorofluoromethane	3.119	101	94983	55.227	ug/l	98
8) Diethyl Ether	3.527	74	27930	51.628	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	52393	50.254	ug/l	97
10) Methyl Iodide	4.088	142	52921	48.284	ug/l	99
11) Tert butyl alcohol	4.966	59	15838	206.109	ug/l #	75
12) 1,1-Dichloroethene	3.869	96	48898	50.055	ug/l	94
13) Acrolein	3.728	56	14243	188.021	ug/l	94
14) Allyl chloride	4.478	41	77287	52.332	ug/l	95
15) Acrylonitrile	5.167	53	60470	248.261	ug/l	99
16) Acetone	3.954	43	62486	236.137	ug/l	95
17) Carbon Disulfide	4.192	76	144187	46.238	ug/l	99
18) Methyl Acetate	4.484	43	33049	55.985	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	124504	52.919	ug/l	98
20) Methylene Chloride	4.710	84	59785	55.552	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	57687	51.908	ug/l	97
22) Diisopropyl ether	6.118	45	181671	56.016	ug/l	97
23) Vinyl Acetate	6.057	43	529021	269.205	ug/l	99
24) 1,1-Dichloroethane	6.015	63	105750	53.227	ug/l	97
25) 2-Butanone	6.990	43	84984	241.585	ug/l	100
26) 2,2-Dichloropropane	6.984	77	91563	55.407	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	66272	53.318	ug/l	98
28) Bromochloromethane	7.338	49	37338	49.082	ug/l	96
29) Tetrahydrofuran	7.356	42	49330	248.242	ug/l	99
30) Chloroform	7.508	83	108395	54.235	ug/l	100
31) Cyclohexane	7.789	56	92105	50.755	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	92900	54.039	ug/l	98
36) 1,1-Dichloropropene	7.923	75	86227	53.691	ug/l	98
37) Ethyl Acetate	7.075	43	36256	48.674	ug/l	98
38) Carbon Tetrachloride	7.904	117	82029	53.346	ug/l	100
39) Methylcyclohexane	9.191	83	99942	53.268	ug/l	98
40) Benzene	8.167	78	244718	53.359	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	19004	53.848	ug/l	96
42) 1,2-Dichloroethane	8.240	62	64231	52.896	ug/l	99
43) Isopropyl Acetate	8.276	43	69604	52.787	ug/l	98
44) Trichloroethene	8.947	130	60205	51.714	ug/l	98
45) 1,2-Dichloropropane	9.221	63	60871	54.035	ug/l	100
46) Dibromomethane	9.307	93	32409	53.259	ug/l	97
47) Bromodichloromethane	9.502	83	81654	53.618	ug/l	99
48) Methyl methacrylate	9.294	41	32796	53.026	ug/l	98
49) 1,4-Dioxane	9.313	88	6640	1002.514	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	190612	269.674	ug/l	99
52) Toluene	10.252	92	151324	54.663	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	78279	54.723	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	92002	53.697	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	44494	53.742	ug/l	98
56) Ethyl methacrylate	10.514	69	56508	50.685	ug/l	98
57) 1,3-Dichloropropane	10.794	76	76150	53.476	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	133815	259.442	ug/l	98
59) 2-Hexanone	10.837	43	138997	271.952	ug/l	100
60) Dibromochloromethane	10.989	129	51214	52.729	ug/l	100
61) 1,2-Dibromoethane	11.093	107	40047	52.009	ug/l	100
64) Tetrachloroethene	10.727	164	49619	50.352	ug/l	97
65) Chlorobenzene	11.520	112	152133	51.975	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	55771	52.430	ug/l	99
67) Ethyl Benzene	11.599	91	294266	55.626	ug/l	98
68) m/p-Xylenes	11.709	106	222307	110.735	ug/l	99
69) o-Xylene	12.038	106	102794	55.602	ug/l	98
70) Styrene	12.050	104	173474	56.950	ug/l	99
71) Bromoform	12.215	173	28495	51.151	ug/l #	98
73) Isopropylbenzene	12.337	105	278516	54.902	ug/l	100
74) N-amyl acetate	12.148	43	63498	55.707	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	50751	50.864	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	63377	99.437	ug/l #	100
77) Bromobenzene	12.617	156	56789	50.468	ug/l	98
78) n-propylbenzene	12.678	91	349182	56.044	ug/l	98
79) 2-Chlorotoluene	12.763	91	185971	54.293	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	224296	55.593	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	15915	51.885	ug/l	99
82) 4-Chlorotoluene	12.861	91	193894	55.000	ug/l	98
83) tert-Butylbenzene	13.080	119	193239	55.875	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	222546	55.883	ug/l	99
85) sec-Butylbenzene	13.257	105	304813	56.392	ug/l	100
86) p-Isopropyltoluene	13.373	119	244711	56.654	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	118076	52.600	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	114543	52.522	ug/l	99
89) n-Butylbenzene	13.702	91	241099	58.708	ug/l	99
90) Hexachloroethane	13.964	117	47517	53.587	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	100711	52.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6756	51.983	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	51493	54.248	ug/l	98
94) Hexachlorobutadiene	15.117	225	29186	52.207	ug/l	99
95) Naphthalene	15.245	128	94988	49.605	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	41912	51.917	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

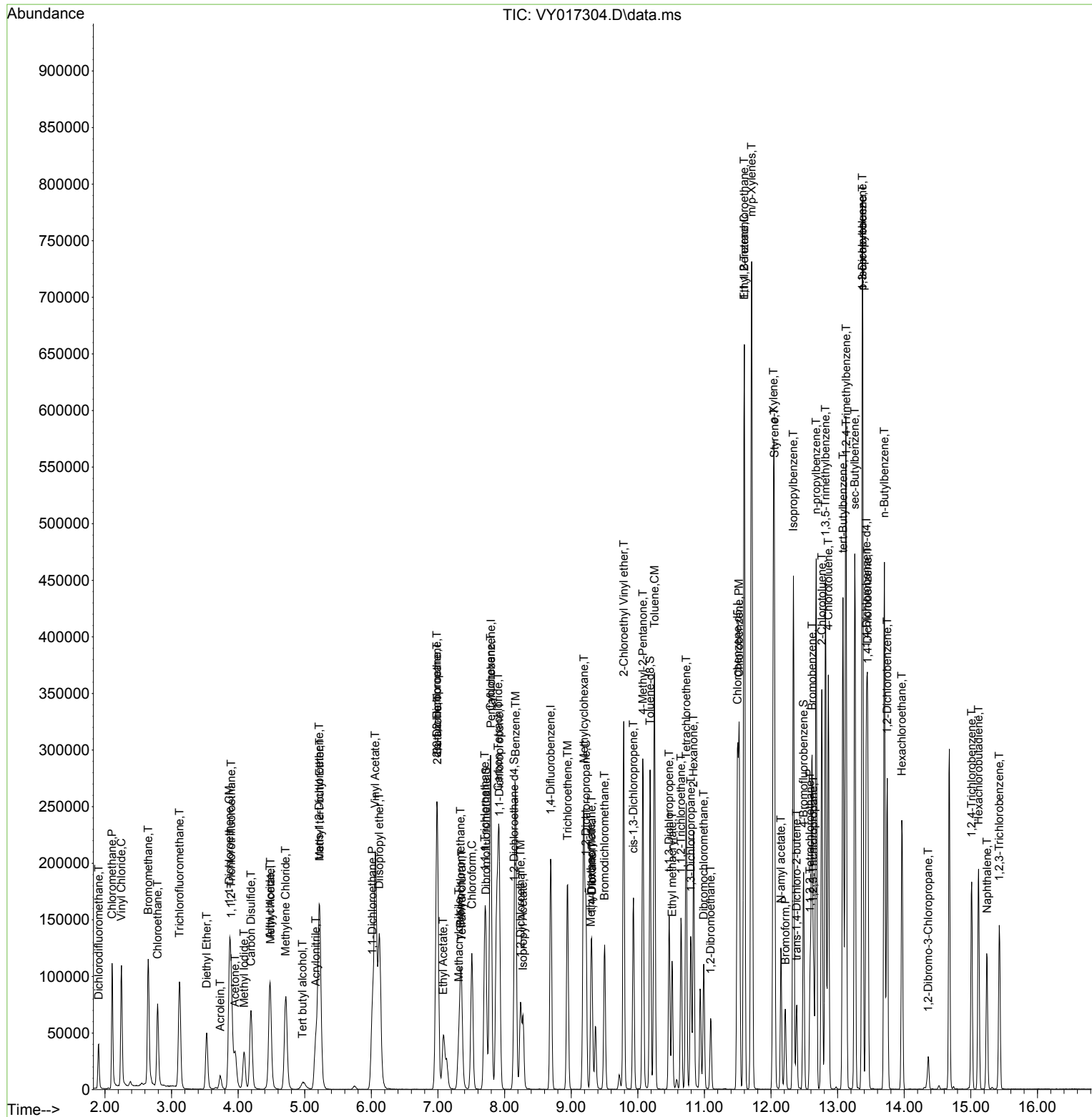
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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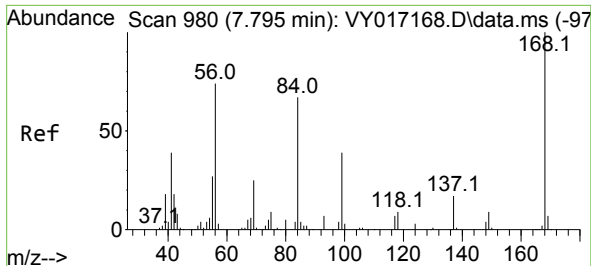
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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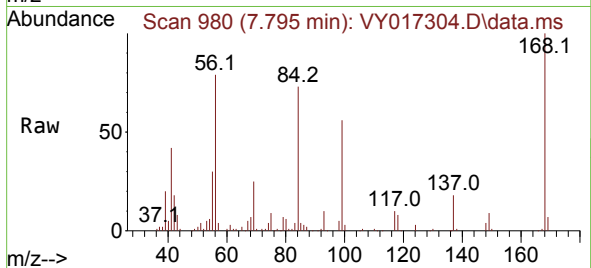
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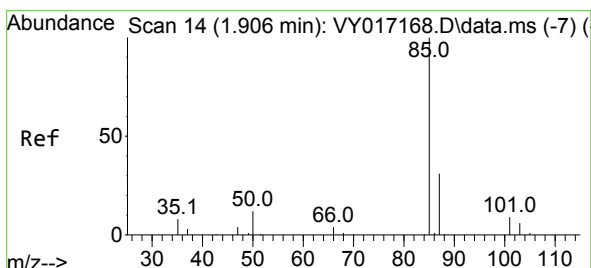
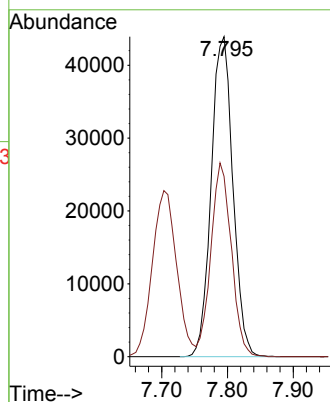
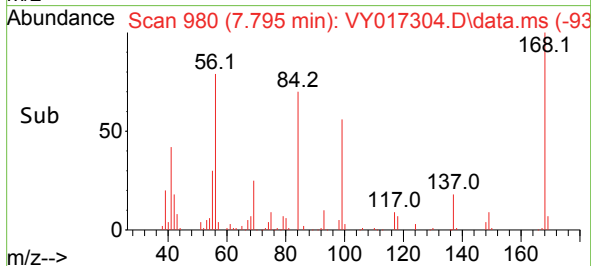


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
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ClientSampleId :

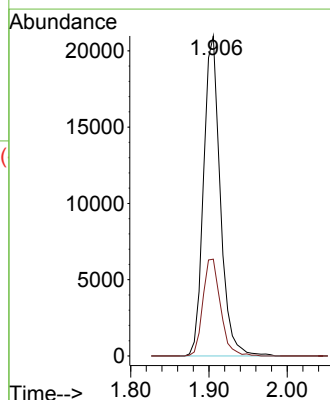
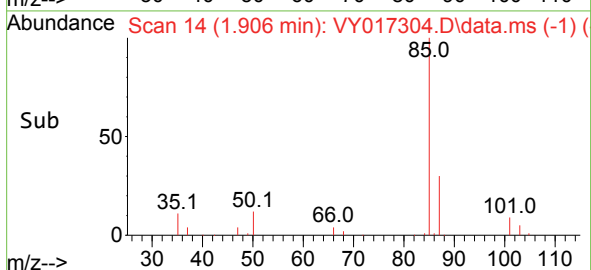
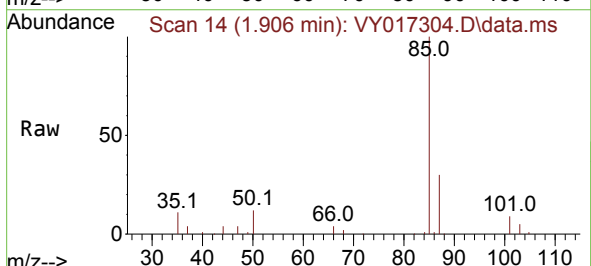


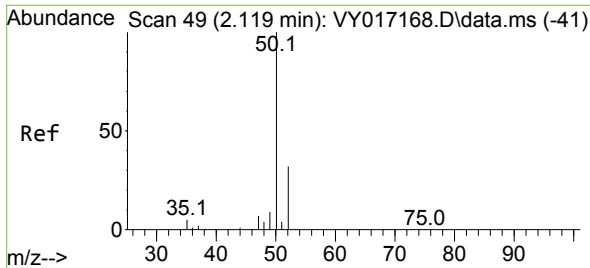
Tgt Ion:168 Resp: 100782
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 40.602 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion: 85 Resp: 31020
Ion Ratio Lower Upper
85 100
87 30.2 17.1 51.3

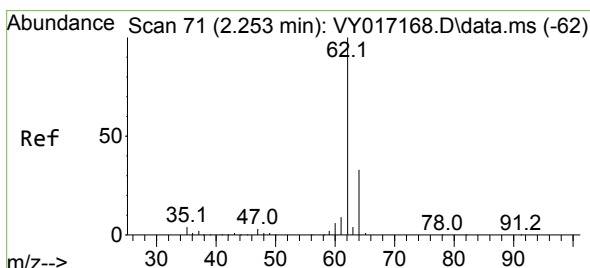
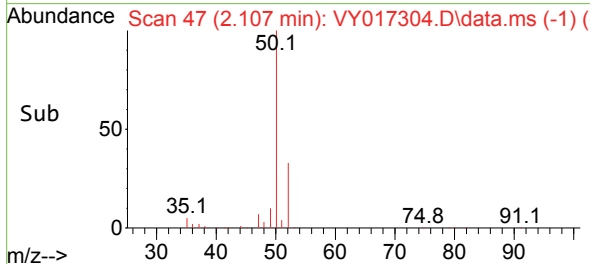
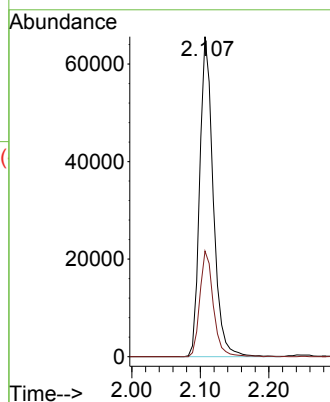
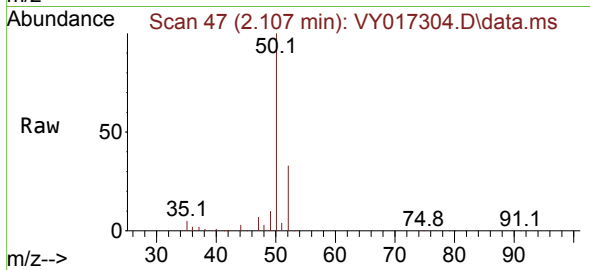




#3
Chloromethane
Concen: 65.661 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

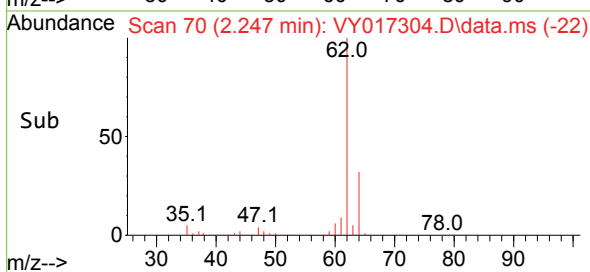
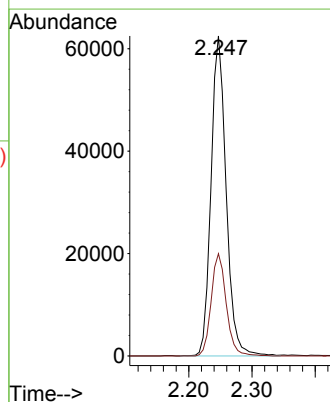
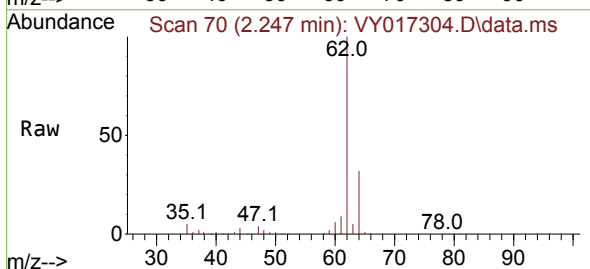
Instrument :
MSVOA_Y
ClientSampleId :

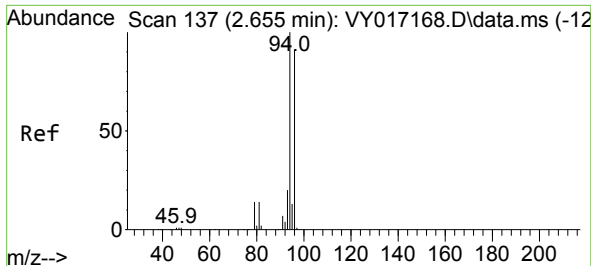
Tgt Ion: 50 Resp: 90119
Ion Ratio Lower Upper
50 100
52 33.0 26.7 40.1



#4
Vinyl Chloride
Concen: 62.204 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion: 62 Resp: 104039
Ion Ratio Lower Upper
62 100
64 31.9 25.7 38.5





#5

Bromomethane

Concen: 65.266 ug/l

RT: 2.649 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

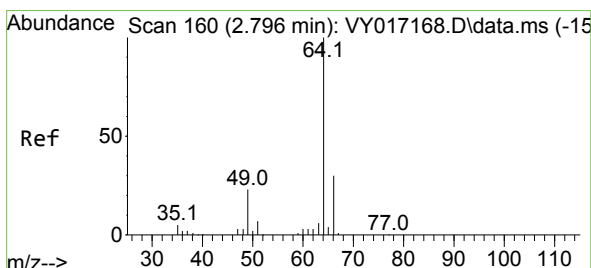
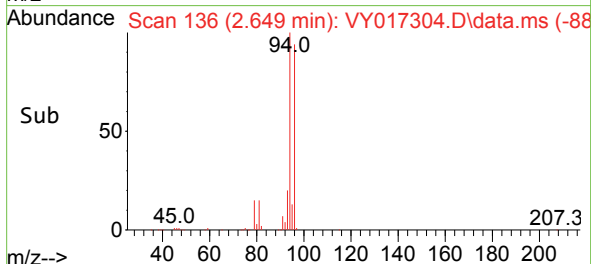
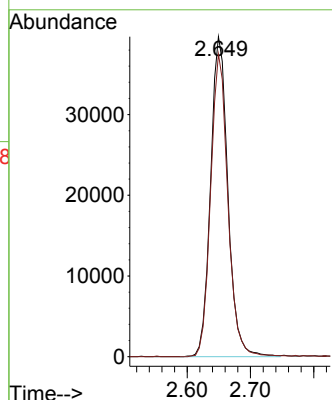
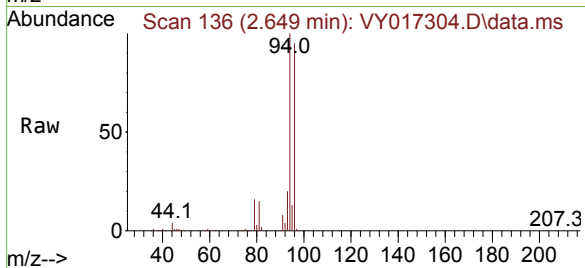
ClientSampleId :

Tgt Ion: 94 Resp: 75668

Ion Ratio Lower Upper

94 100

96 94.6 77.3 115.9



#6

Chloroethane

Concen: 65.825 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY017304.D

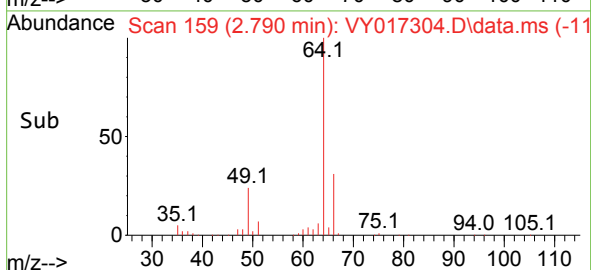
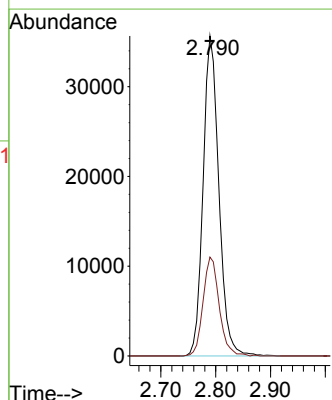
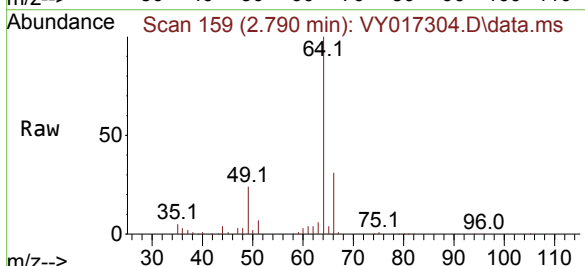
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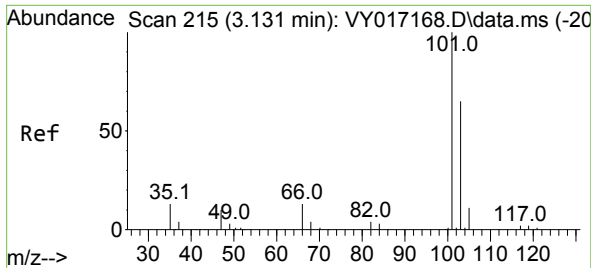
Tgt Ion: 64 Resp: 71086

Ion Ratio Lower Upper

64 100

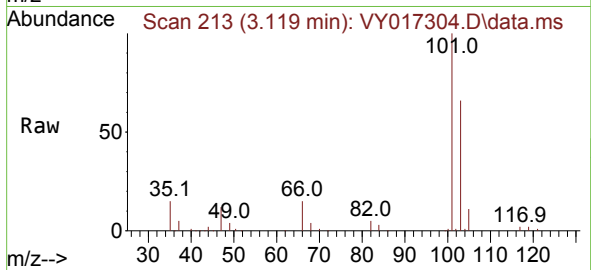
66 30.9 25.1 37.7



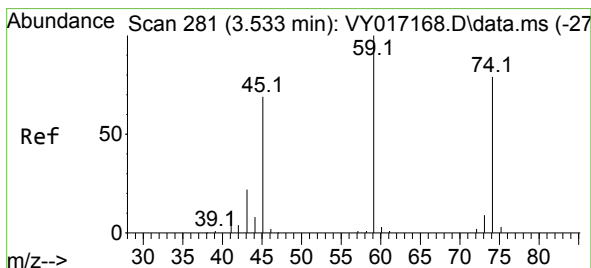
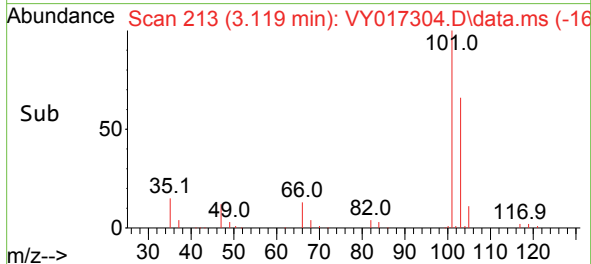
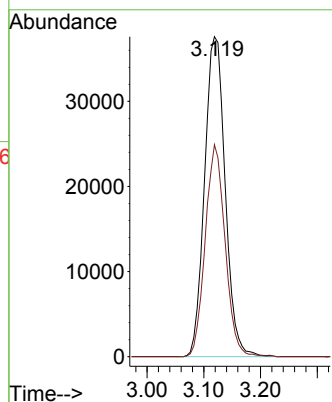


#7
Trichlorofluoromethane
Concen: 55.227 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY017304.D
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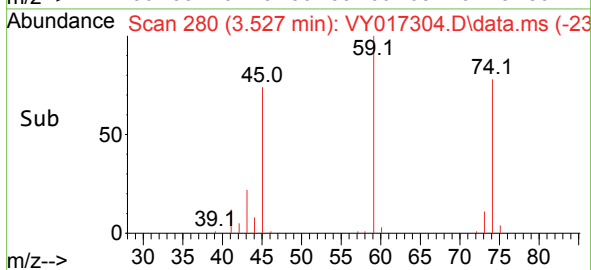
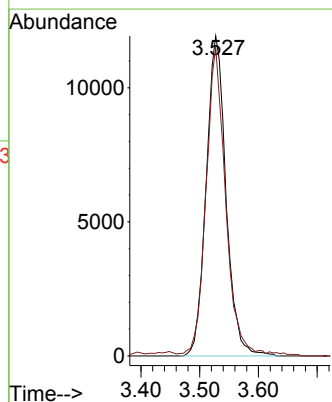
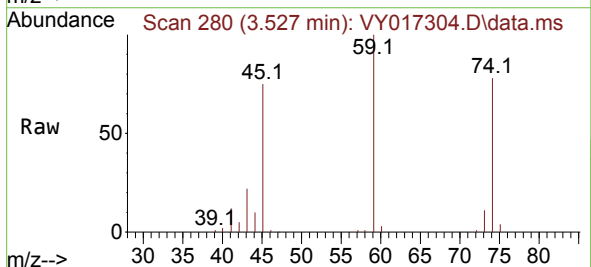


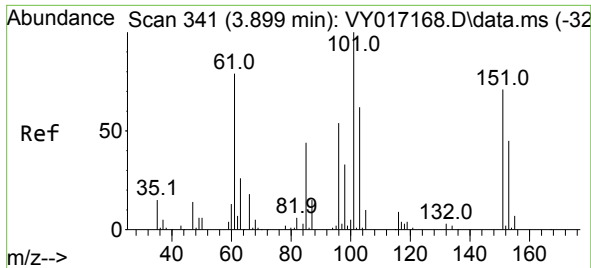
Tgt Ion:101 Resp: 94983
Ion Ratio Lower Upper
101 100
103 66.2 51.9 77.9



#8
Diethyl Ether
Concen: 51.628 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY017304.D
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Tgt Ion: 74 Resp: 27930
Ion Ratio Lower Upper
74 100
45 96.6 47.9 143.7

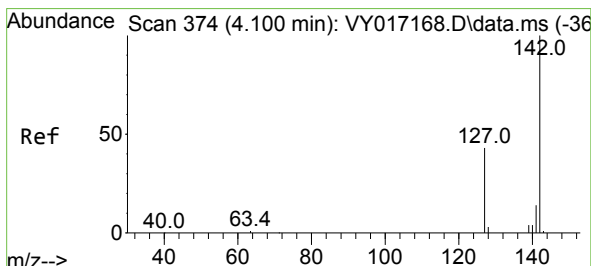
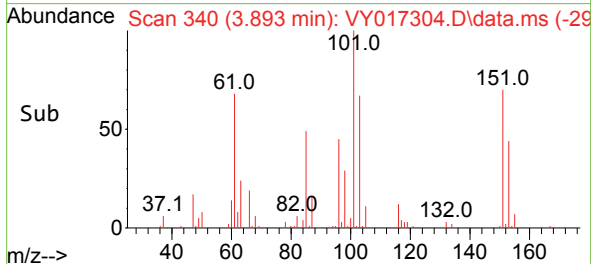
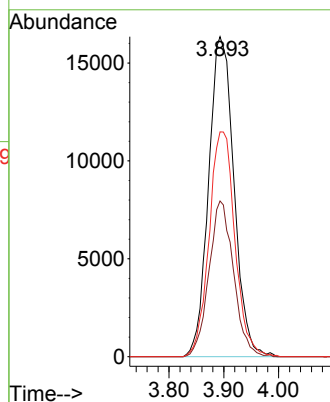
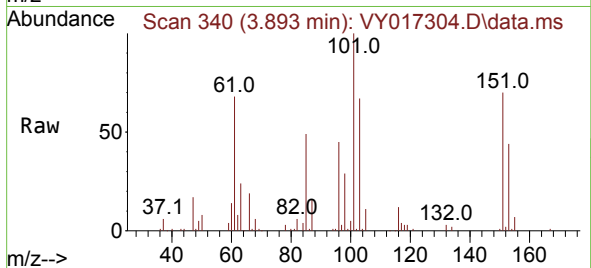




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.254 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

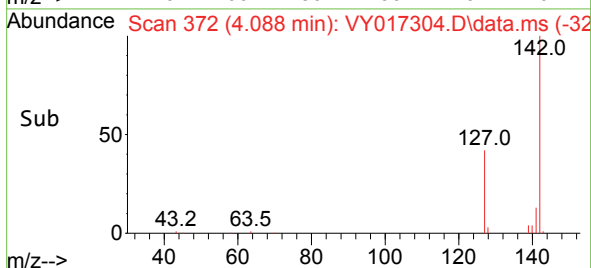
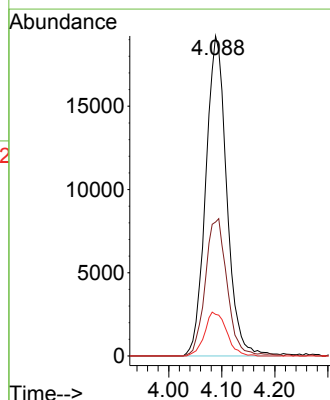
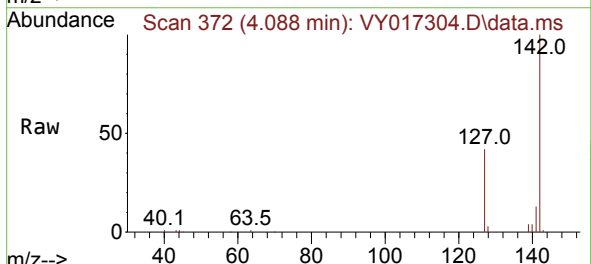
Instrument :
MSVOA_Y
ClientSampleId :

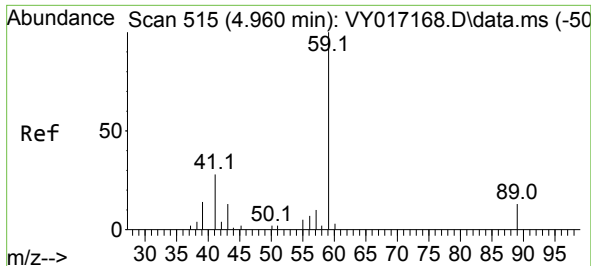
Tgt Ion:101 Resp: 52393
Ion Ratio Lower Upper
101 100
85 47.2 35.8 53.6
151 71.7 58.6 88.0



#10
Methyl Iodide
Concen: 48.284 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion:142 Resp: 52921
Ion Ratio Lower Upper
142 100
127 44.8 35.1 52.7
141 14.3 11.8 17.6

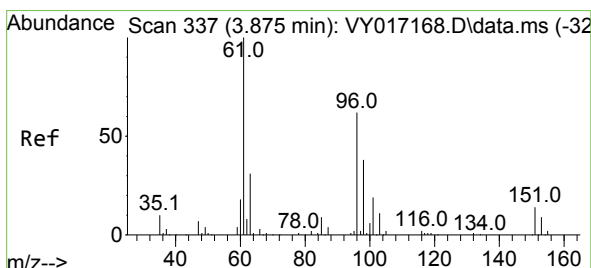
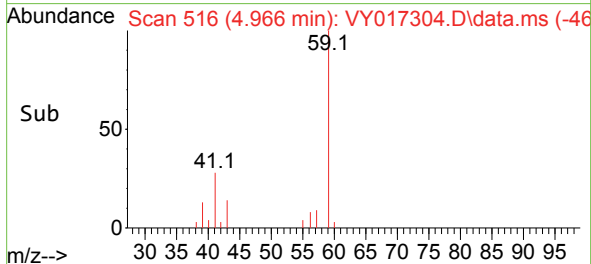
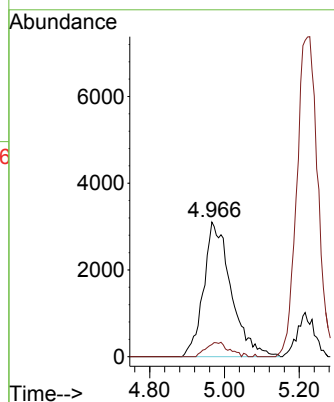
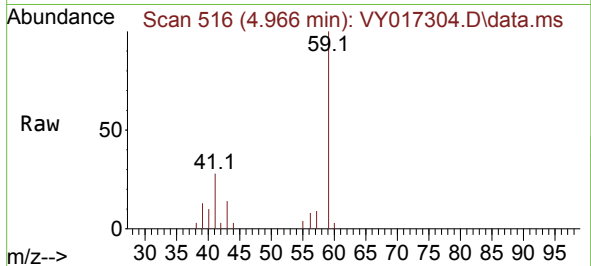




#11
Tert butyl alcohol
Concen: 206.109 ug/l
RT: 4.966 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

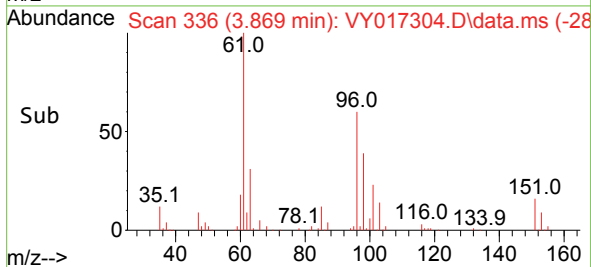
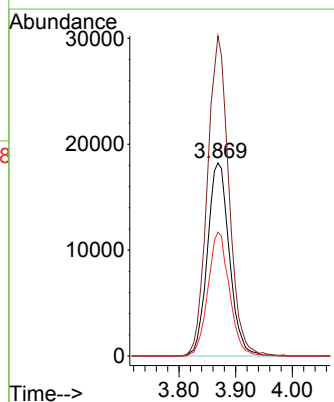
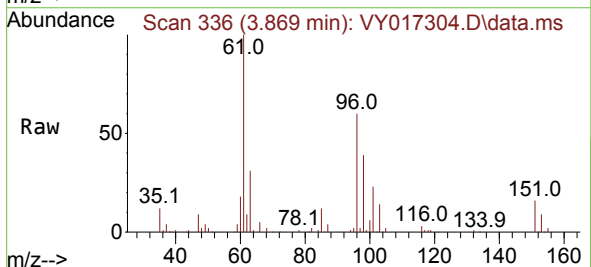
Instrument :
MSVOA_Y
ClientSampleId :

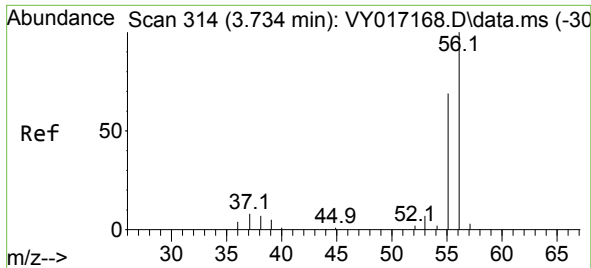
Tgt Ion: 59 Resp: 15838
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 50.055 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion: 96 Resp: 48898
Ion Ratio Lower Upper
96 100
61 165.9 124.2 186.2
98 64.2 52.6 79.0





#13

Acrolein

Concen: 188.021 ug/l

RT: 3.728 min Scan# 314

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

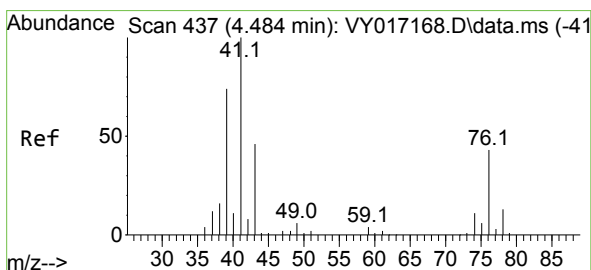
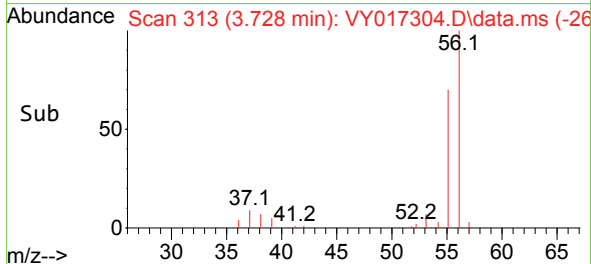
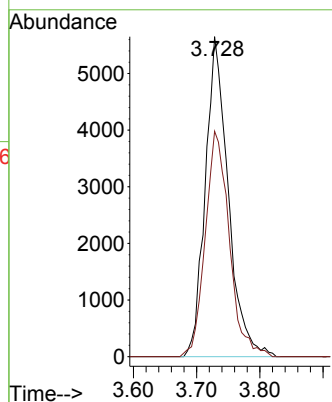
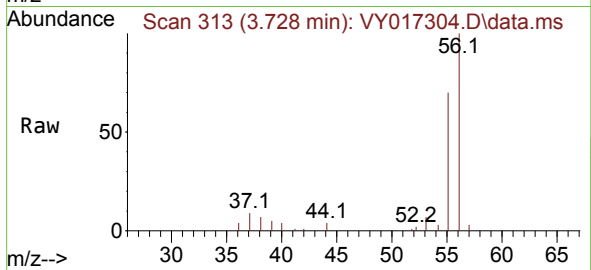
ClientSampleId :

Tgt Ion: 56 Resp: 14243

Ion Ratio Lower Upper

56 100

55 73.8 55.4 83.0



#14

Allyl chloride

Concen: 52.332 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

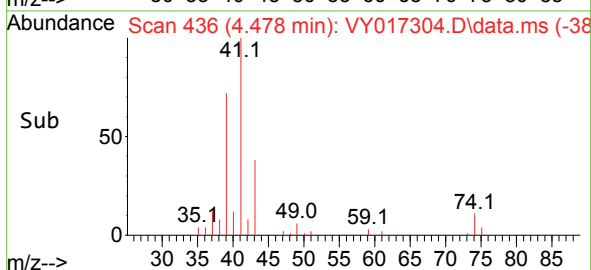
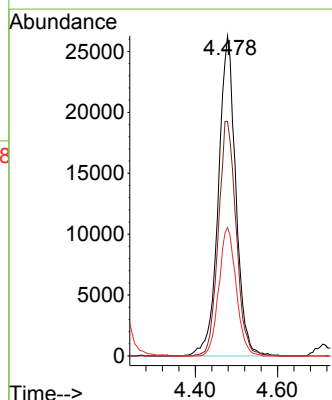
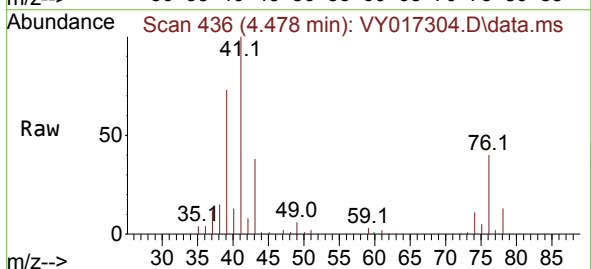
Tgt Ion: 41 Resp: 77287

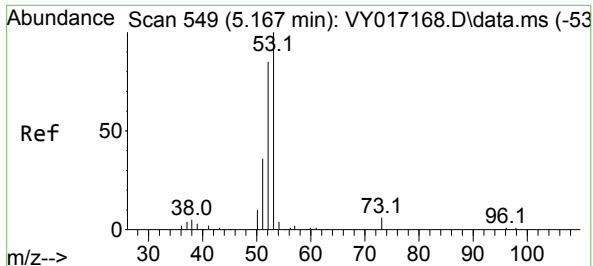
Ion Ratio Lower Upper

41 100

39 74.6 54.7 82.1

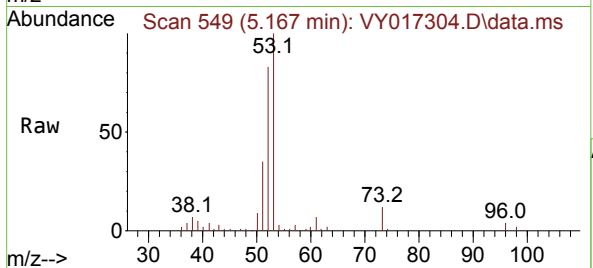
76 39.9 31.8 47.6



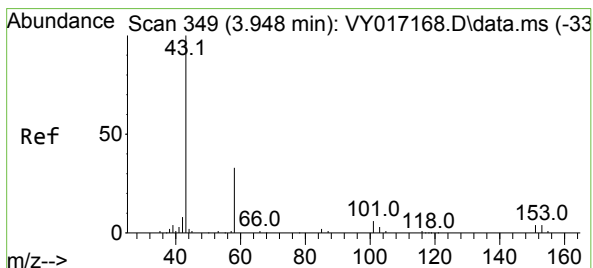
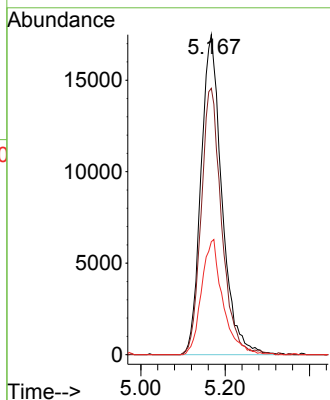
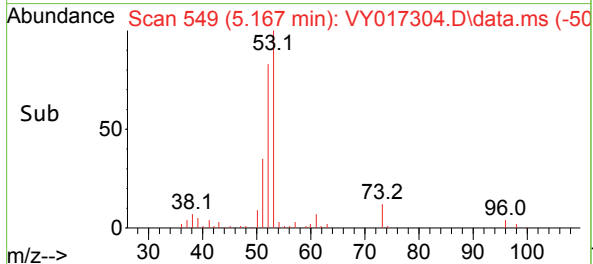


#15
Acrylonitrile
Concen: 248.261 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Instrument :
MSVOA_Y
ClientSampleId :

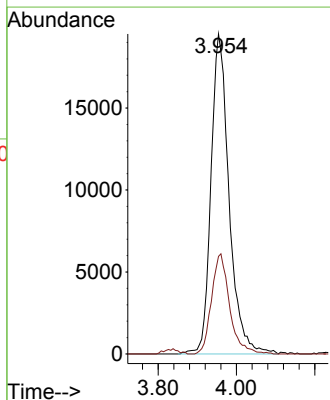
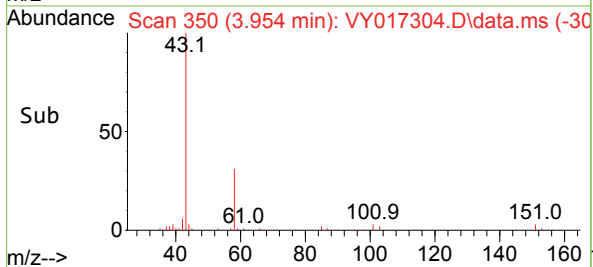
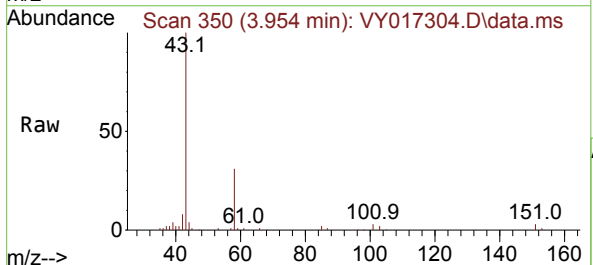


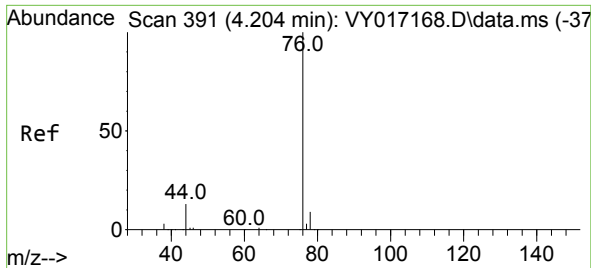
Tgt Ion: 53 Resp: 60470
Ion Ratio Lower Upper
53 100
52 80.9 65.1 97.7
51 36.8 29.0 43.4



#16
Acetone
Concen: 236.137 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion: 43 Resp: 62486
Ion Ratio Lower Upper
43 100
58 30.5 26.6 39.8

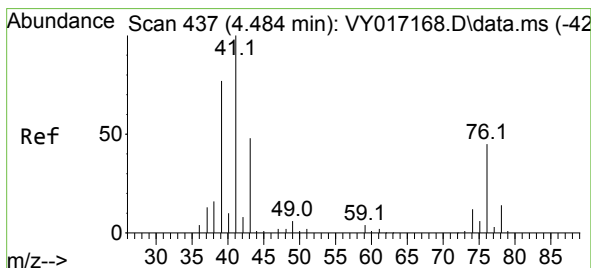
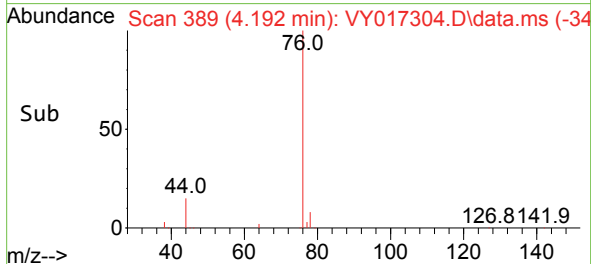
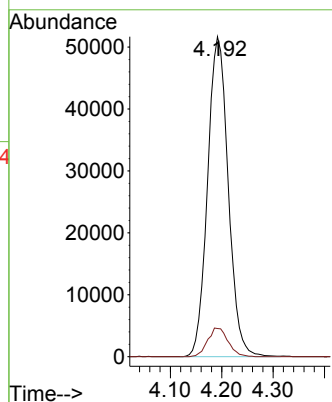
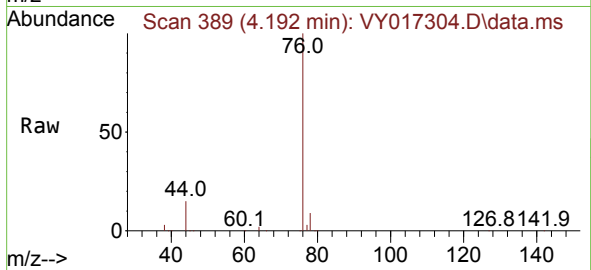




#17
Carbon Disulfide
Concen: 46.238 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.012 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

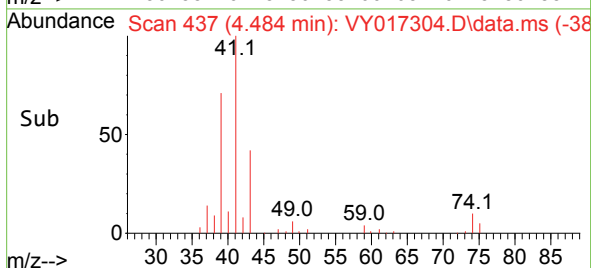
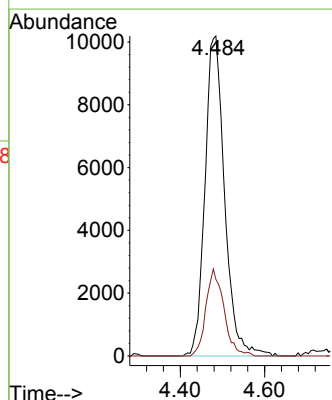
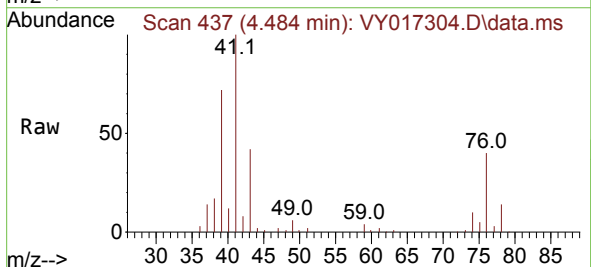
Instrument :
MSVOA_Y
ClientSampleId :

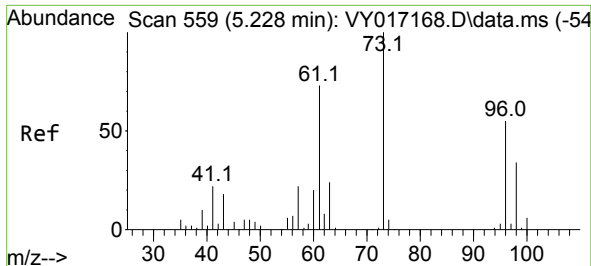
Tgt Ion: 76 Resp: 144187
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 55.985 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

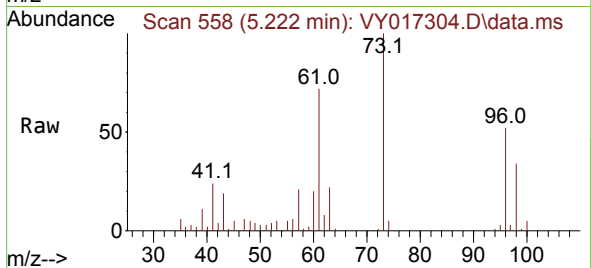
Tgt Ion: 43 Resp: 33049
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.6



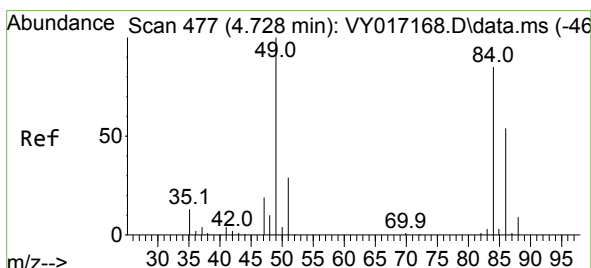
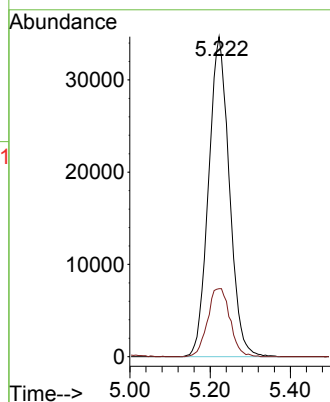
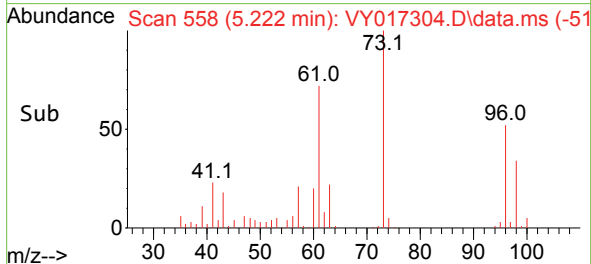


#19
Methyl tert-butyl Ether
Concen: 52.919 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

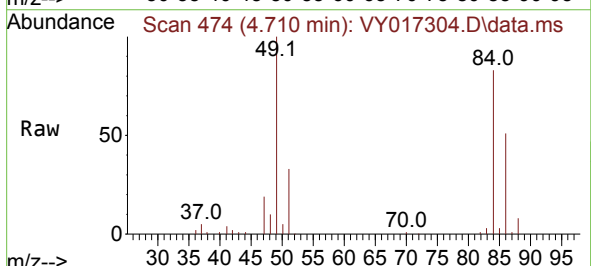
Instrument :
MSVOA_Y
ClientSampleId :



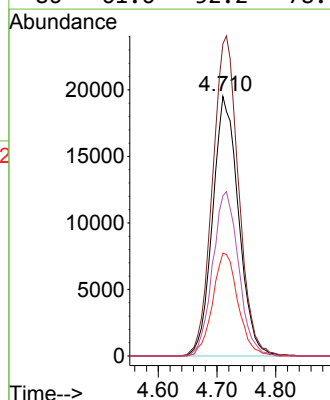
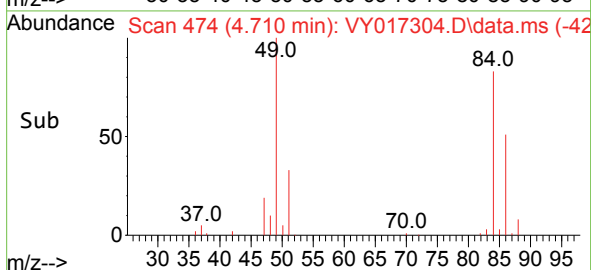
Tgt Ion: 73 Resp: 124504
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5

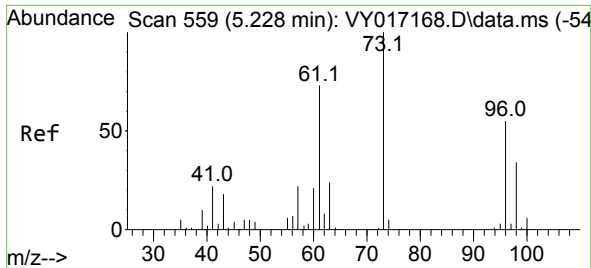


#20
Methylene Chloride
Concen: 55.552 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36



Tgt Ion: 84 Resp: 59785
Ion Ratio Lower Upper
84 100
49 120.3 95.2 142.8
51 39.6 29.9 44.9
86 61.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 51.908 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

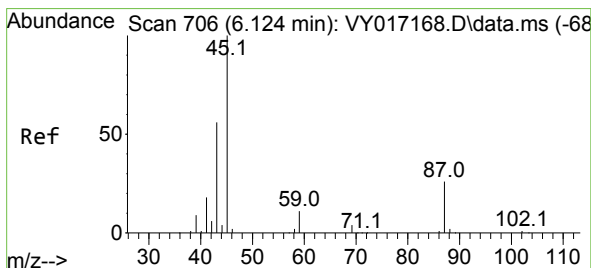
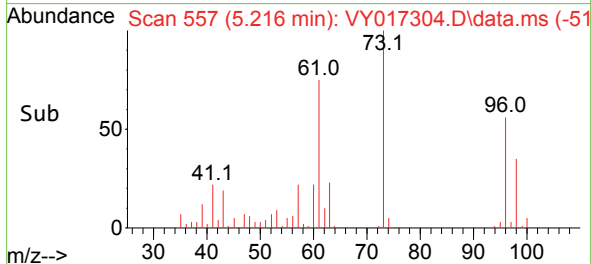
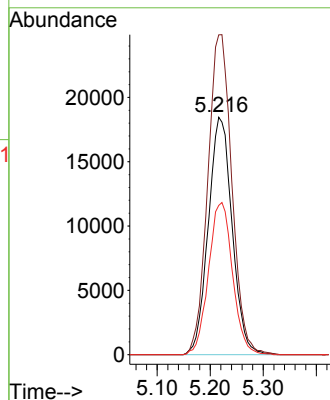
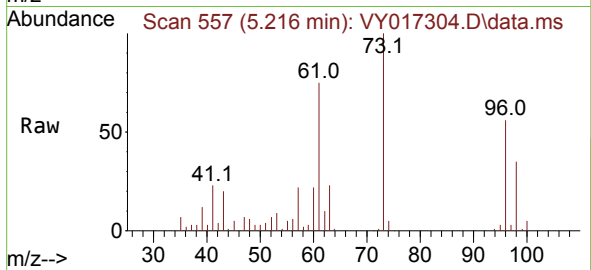
Tgt Ion: 96 Resp: 57687

Ion Ratio Lower Upper

96 100

61 134.7 104.6 156.8

98 62.9 50.9 76.3



#22

Diisopropyl ether

Concen: 56.016 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Tgt Ion: 45 Resp: 181671

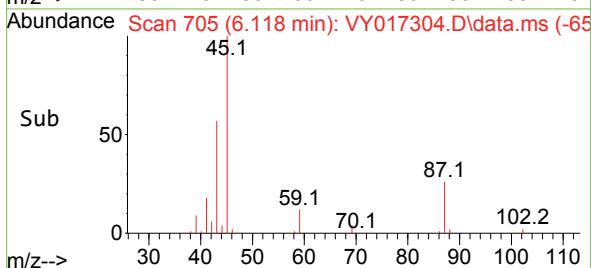
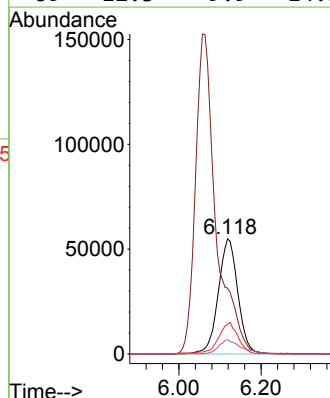
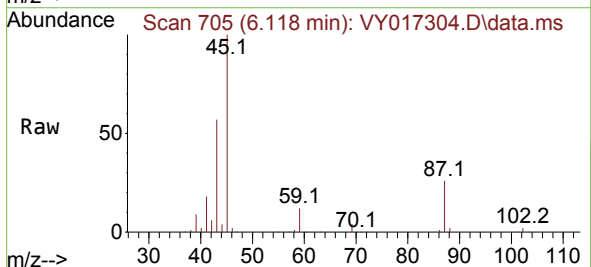
Ion Ratio Lower Upper

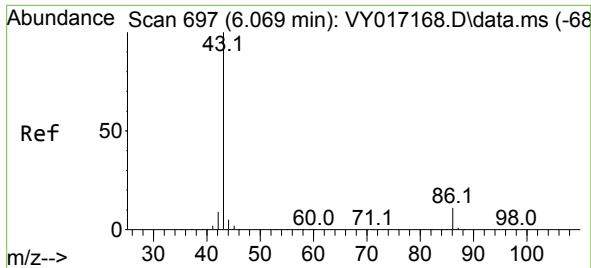
45 100

43 56.6 46.8 70.2

87 25.7 22.2 33.2

59 12.3 9.9 14.9

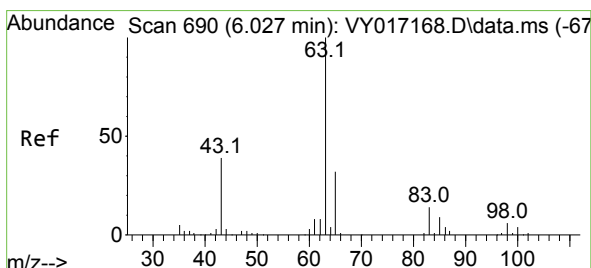
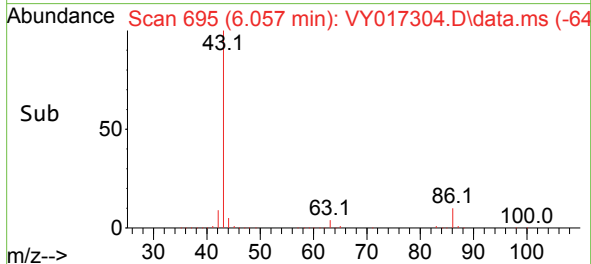
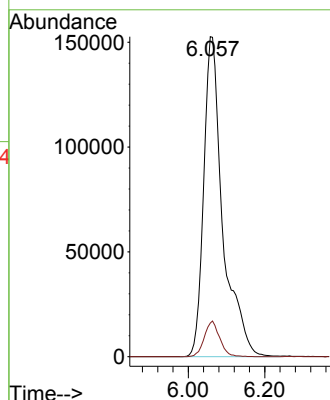
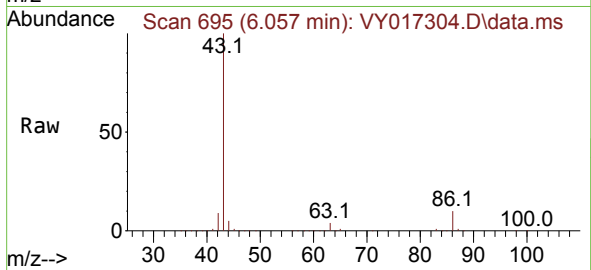




#23
Vinyl Acetate
Concen: 269.205 ug/l
RT: 6.057 min Scan# 697
Delta R.T. -0.012 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

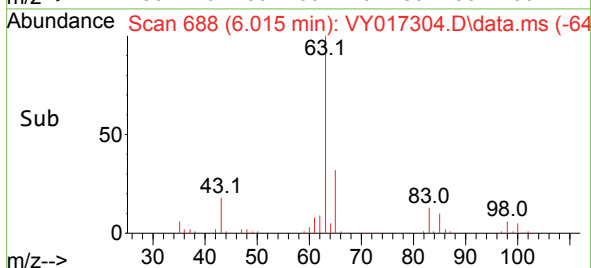
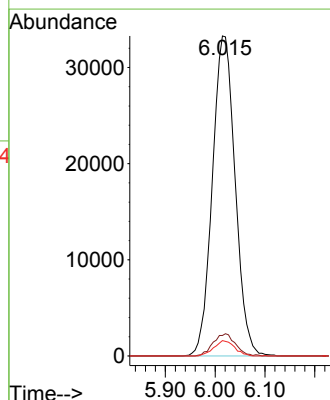
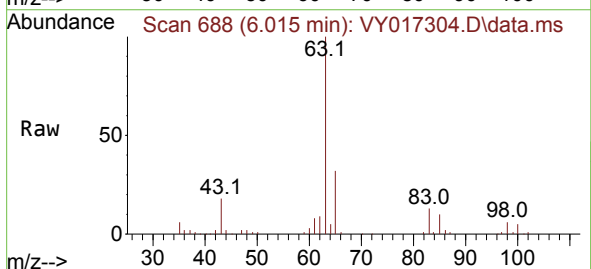
Instrument :
MSVOA_Y
ClientSampleId :

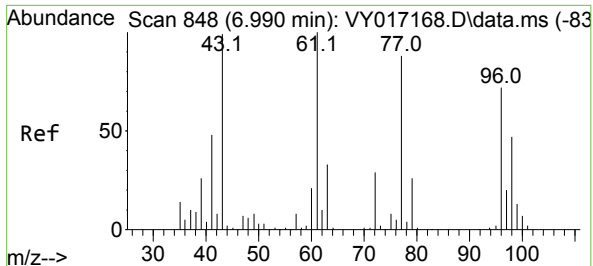
Tgt Ion: 43 Resp: 529021
Ion Ratio Lower Upper
43 100
86 10.5 8.6 13.0



#24
1,1-Dichloroethane
Concen: 53.227 ug/l
RT: 6.015 min Scan# 688
Delta R.T. -0.012 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion: 63 Resp: 105750
Ion Ratio Lower Upper
63 100
98 6.4 3.8 11.4
100 4.8 2.1 6.2





#25

2-Butanone

Concen: 241.585 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

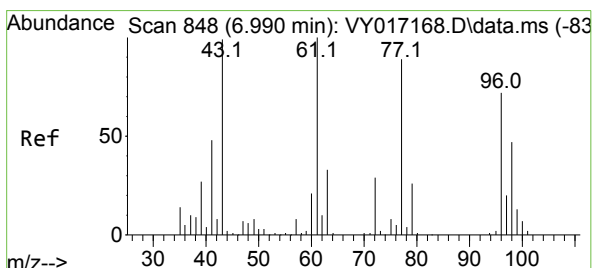
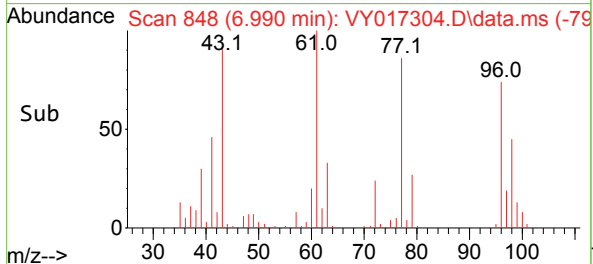
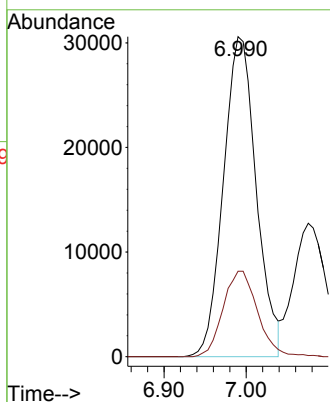
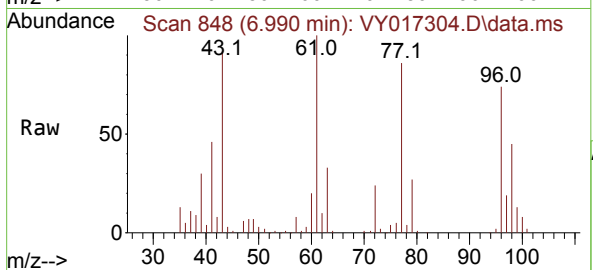
ClientSampleId :

Tgt Ion: 43 Resp: 84984

Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 55.407 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017304.D

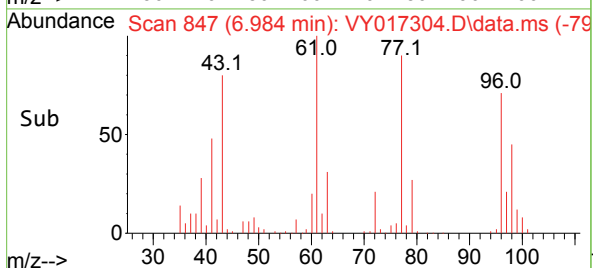
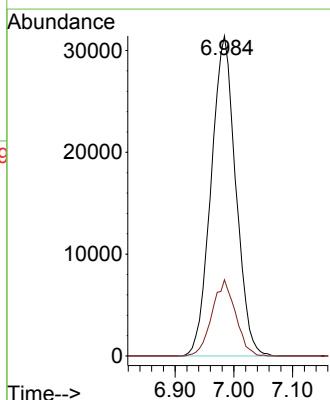
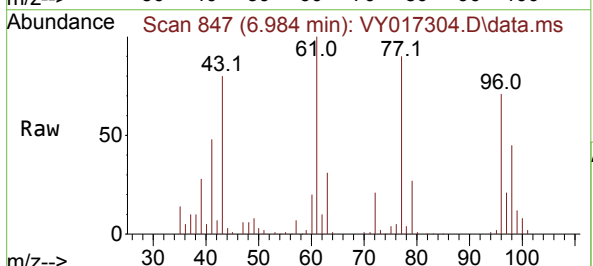
Acq: 08 Feb 2024 11:36

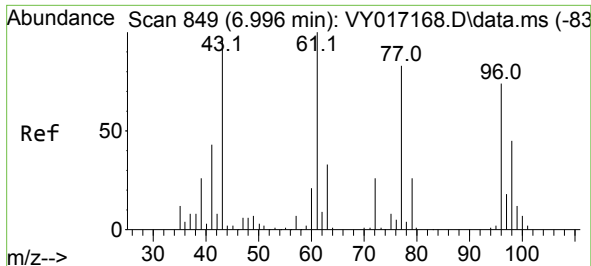
Tgt Ion: 77 Resp: 91563

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 53.318 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

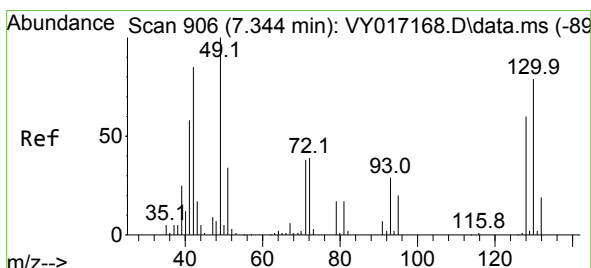
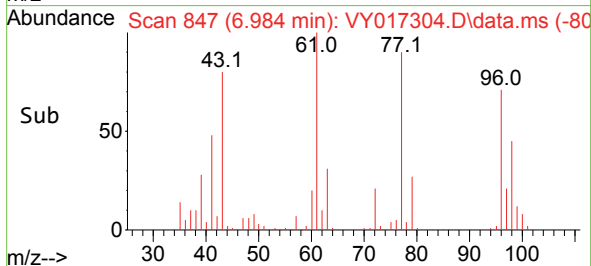
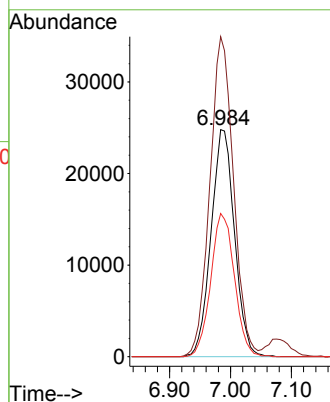
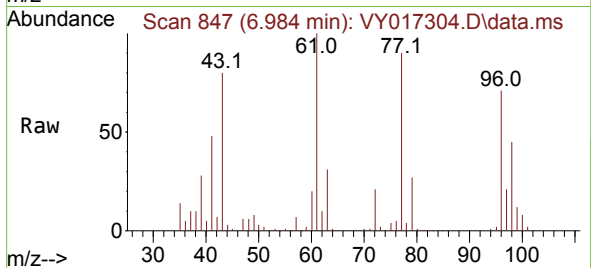
Tgt Ion: 96 Resp: 66272

Ion Ratio Lower Upper

96 100

61 142.0 0.0 278.8

98 63.8 0.0 127.0



#28

Bromochloromethane

Concen: 49.082 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

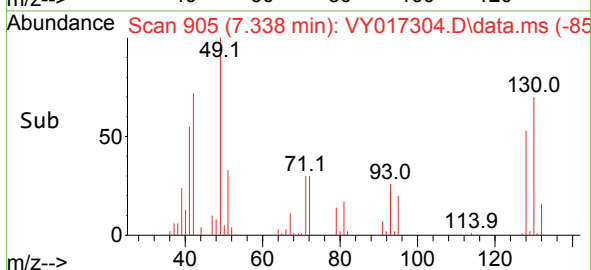
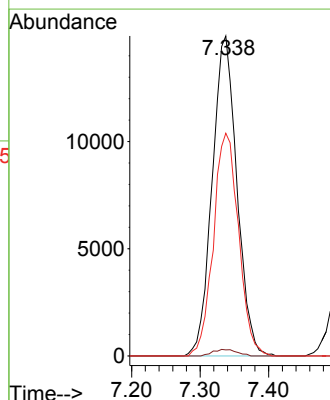
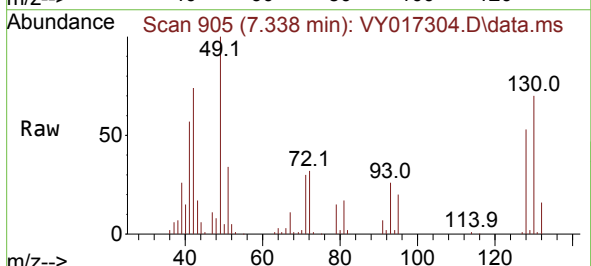
Tgt Ion: 49 Resp: 37338

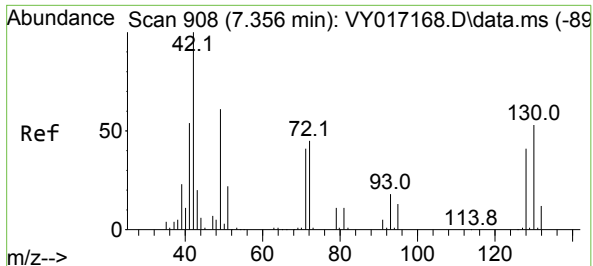
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 70.9 59.8 89.8





#29

Tetrahydrofuran

Concen: 248.242 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

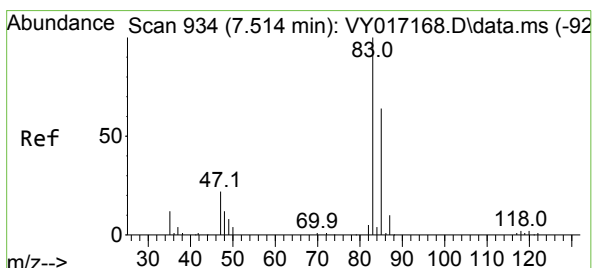
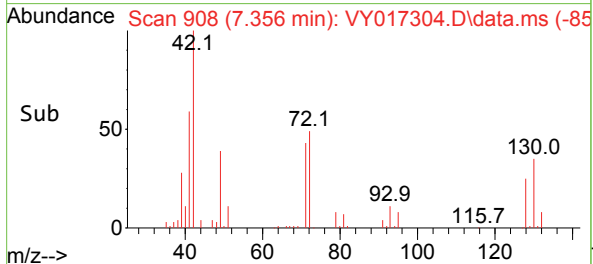
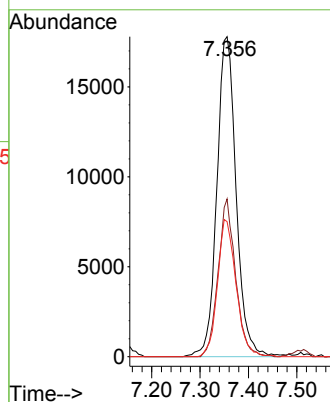
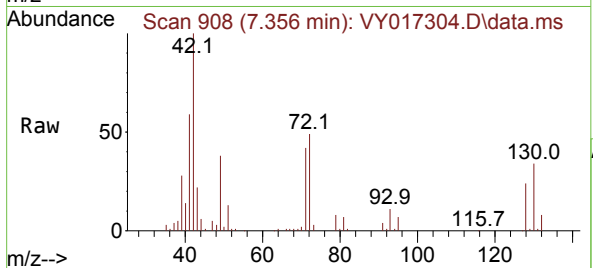
Tgt Ion: 42 Resp: 49330

Ion Ratio Lower Upper

42 100

72 44.8 36.6 54.8

71 41.4 33.8 50.6



#30

Chloroform

Concen: 54.235 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY017304.D

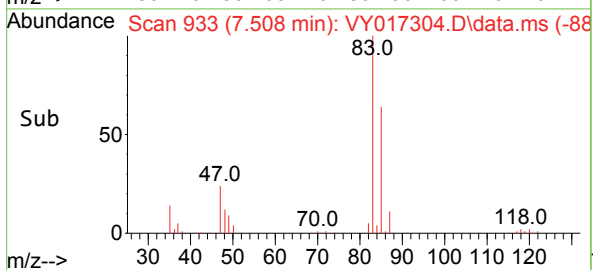
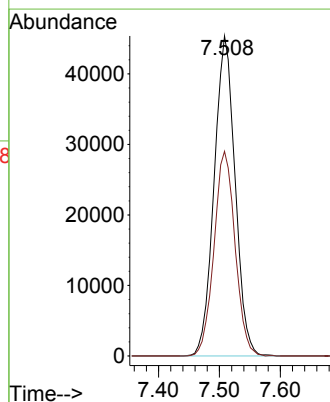
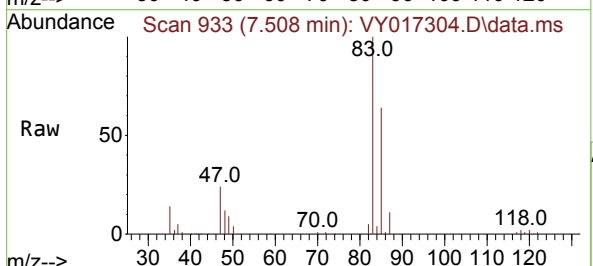
Acq: 08 Feb 2024 11:36

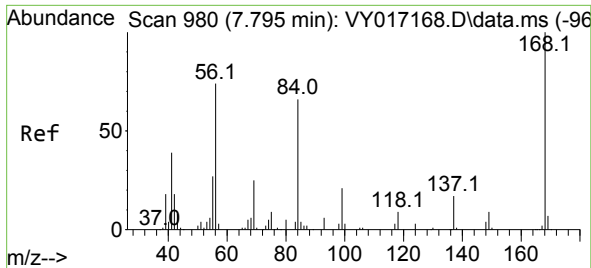
Tgt Ion: 83 Resp: 108395

Ion Ratio Lower Upper

83 100

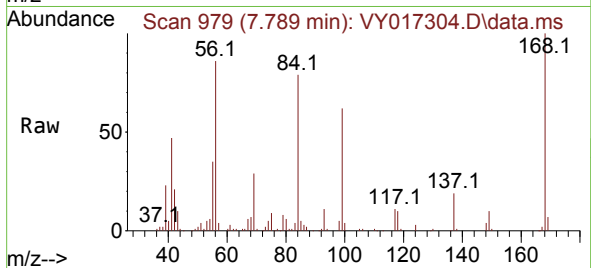
85 64.0 51.2 76.8



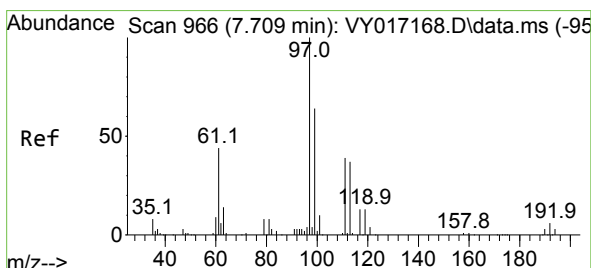
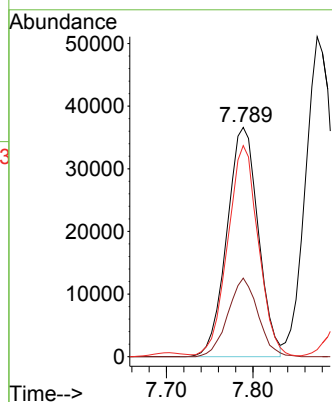
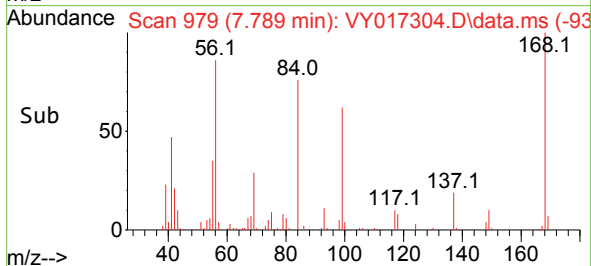


#31
Cyclohexane
Concen: 50.755 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

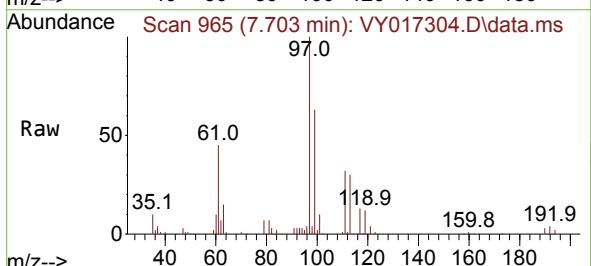
Instrument :
MSVOA_Y
ClientSampleId :



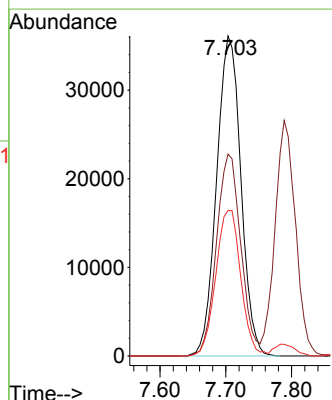
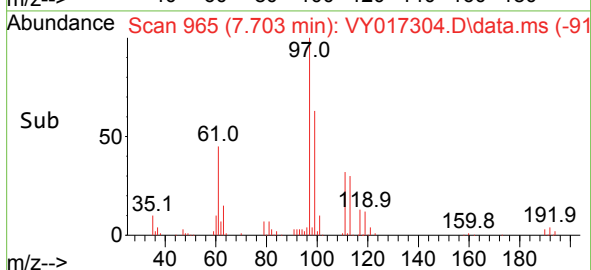
Tgt Ion: 56 Resp: 92105
Ion Ratio Lower Upper
56 100
69 34.2 27.0 40.6
84 90.8 71.8 107.6

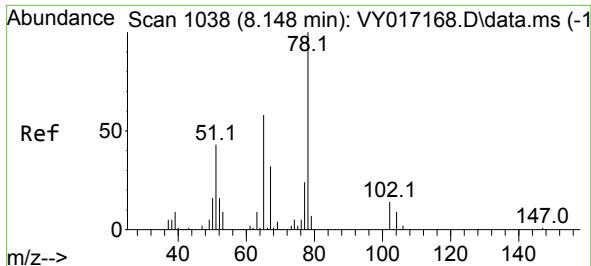


#32
1,1,1-Trichloroethane
Concen: 54.039 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36



Tgt Ion: 97 Resp: 92900
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 46.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.785 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

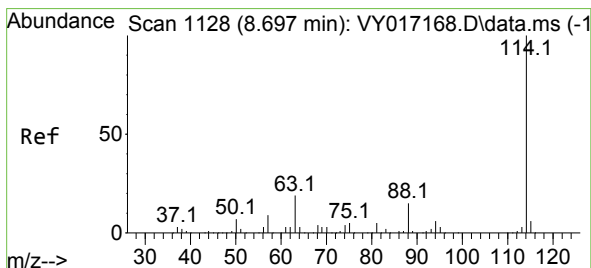
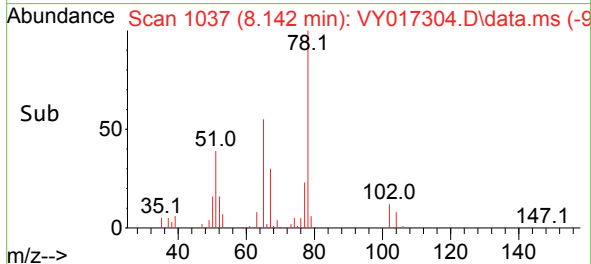
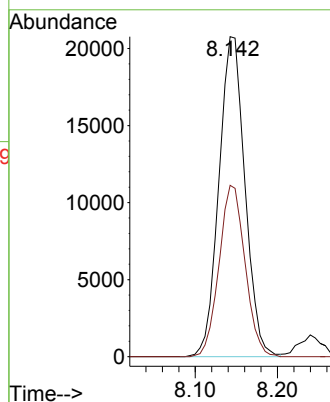
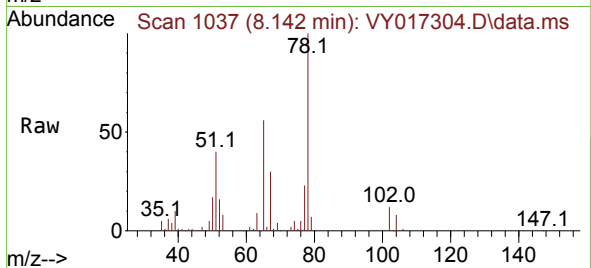
ClientSampleId :

Tgt Ion: 65 Resp: 45723

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

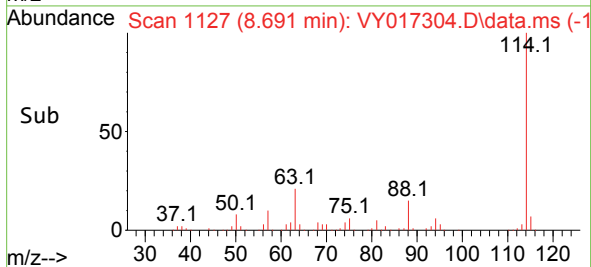
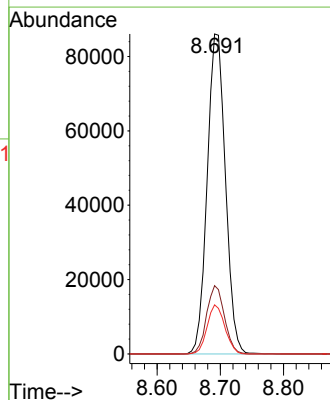
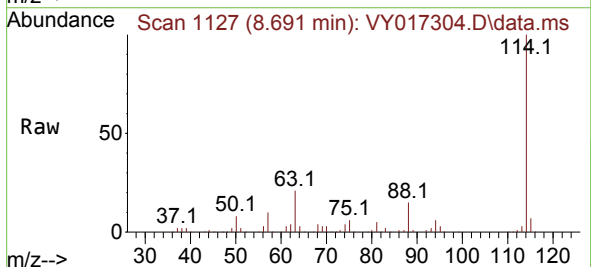
Tgt Ion: 114 Resp: 172436

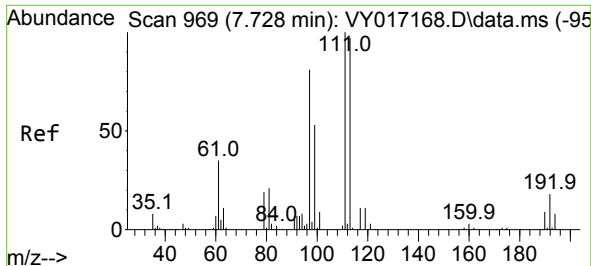
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

88 15.4 0.0 29.0

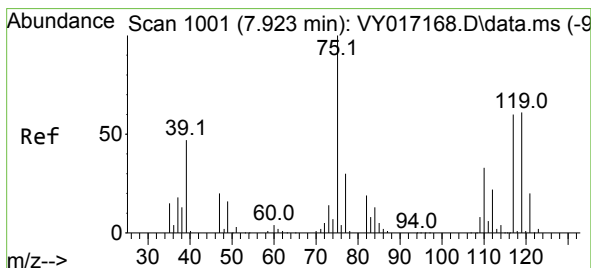
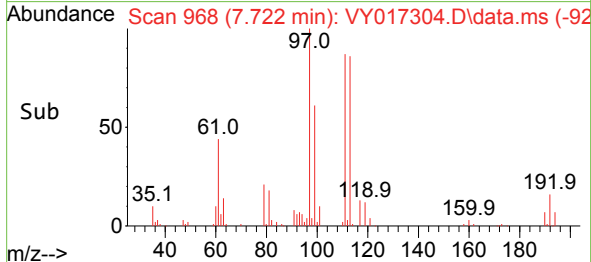
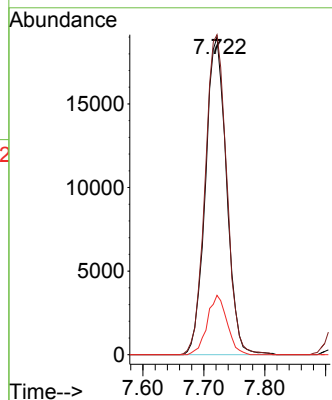
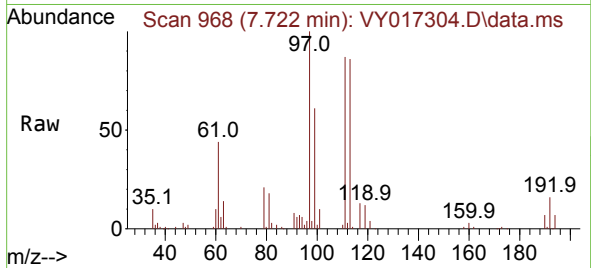




#35
Dibromofluoromethane
Concen: 48.965 ug/l
RT: 7.722 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

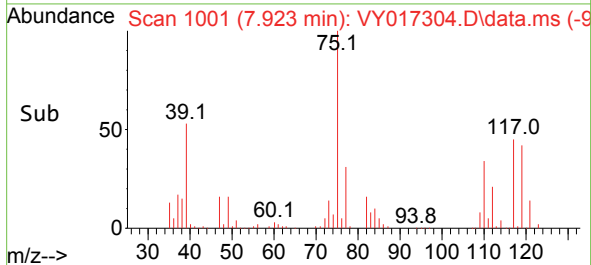
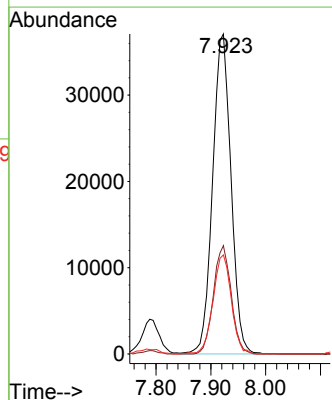
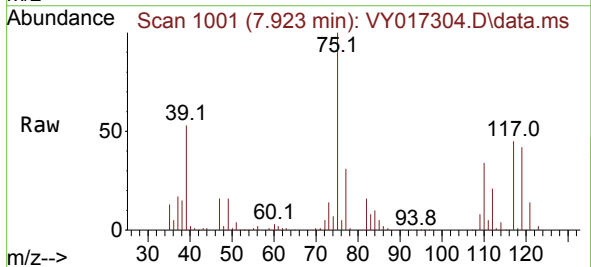
Instrument :
MSVOA_Y
ClientSampleId :

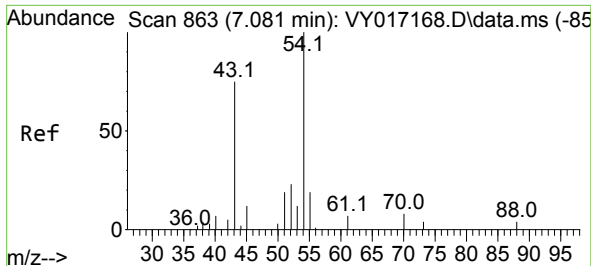
Tgt Ion:113 Resp: 45589
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 53.691 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

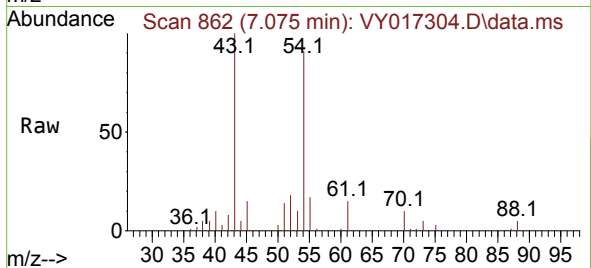
Tgt Ion: 75 Resp: 86227
Ion Ratio Lower Upper
75 100
110 32.7 17.4 52.3
77 30.8 24.7 37.1



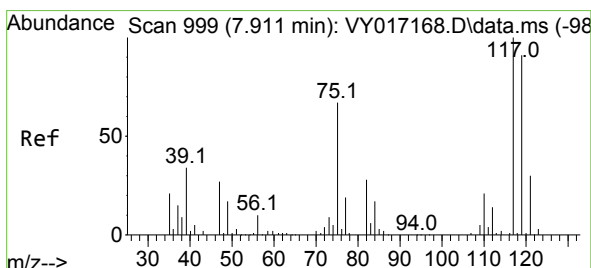
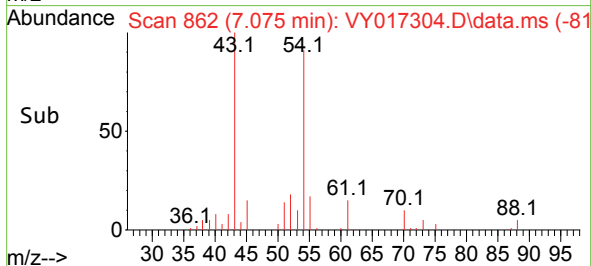
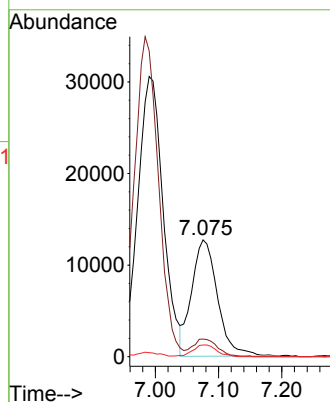


#37
Ethyl Acetate
Concen: 48.674 ug/l
RT: 7.075 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Instrument :
MSVOA_Y
ClientSampleId :

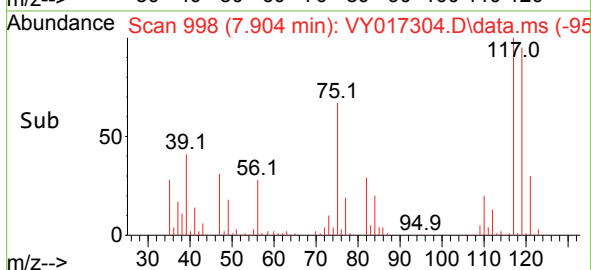
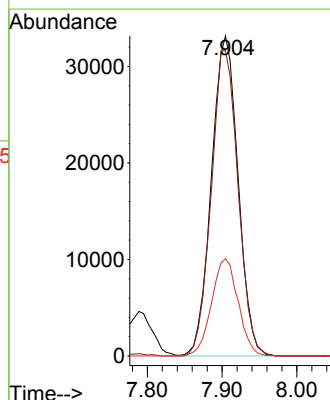
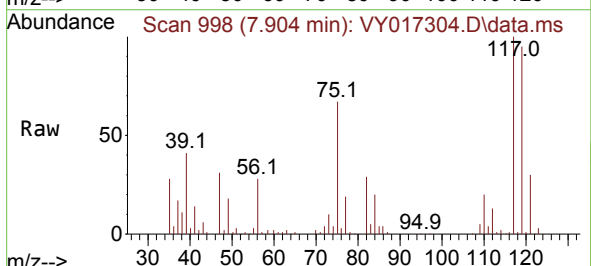


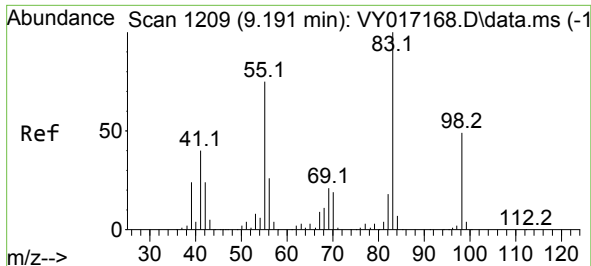
Tgt Ion: 43 Resp: 36256
Ion Ratio Lower Upper
43 100
61 14.7 11.0 16.6
70 9.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 53.346 ug/l
RT: 7.904 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion: 117 Resp: 82029
Ion Ratio Lower Upper
117 100
119 95.4 76.0 114.0
121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 53.268 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

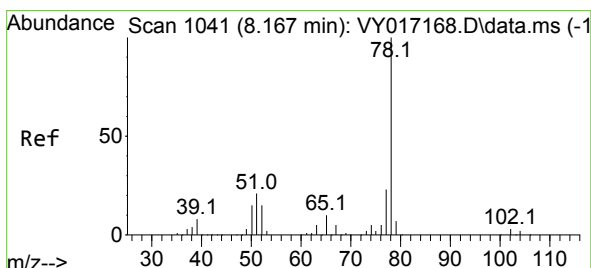
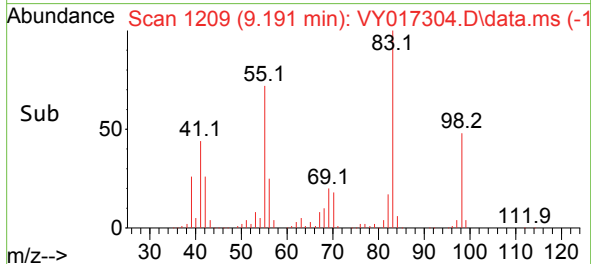
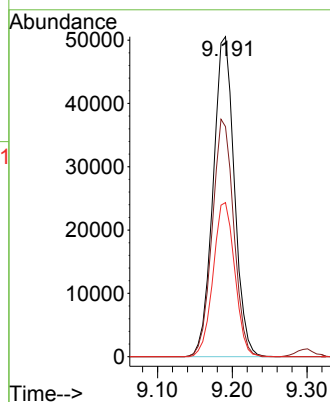
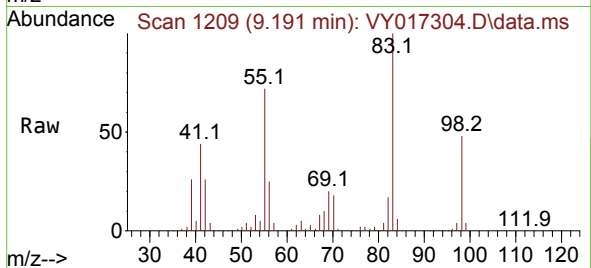
Tgt Ion: 83 Resp: 99942

Ion Ratio Lower Upper

83 100

55 71.9 59.7 89.5

98 48.1 38.0 57.0



#40

Benzene

Concen: 53.359 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017304.D

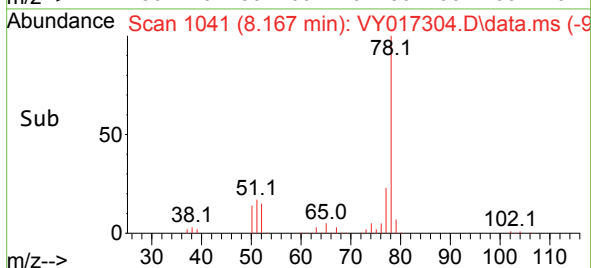
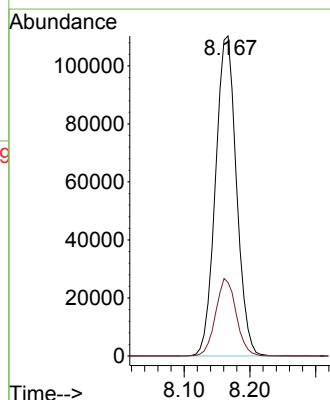
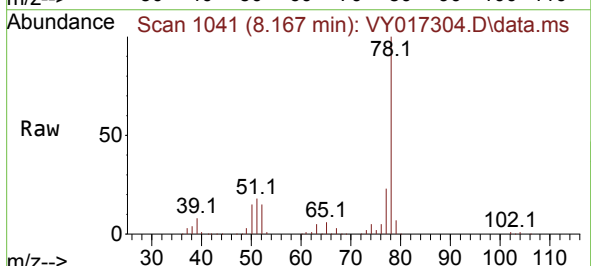
Acq: 08 Feb 2024 11:36

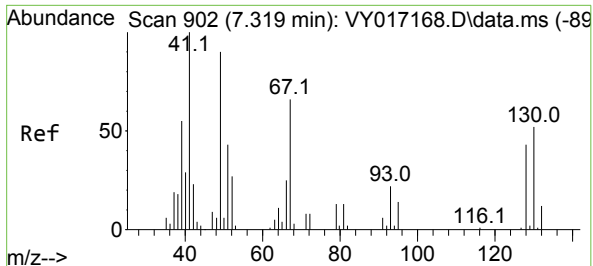
Tgt Ion: 78 Resp: 244718

Ion Ratio Lower Upper

78 100

77 23.0 18.8 28.2



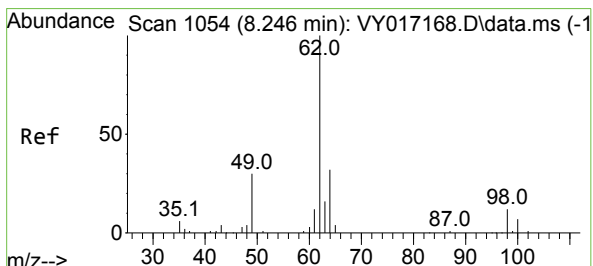
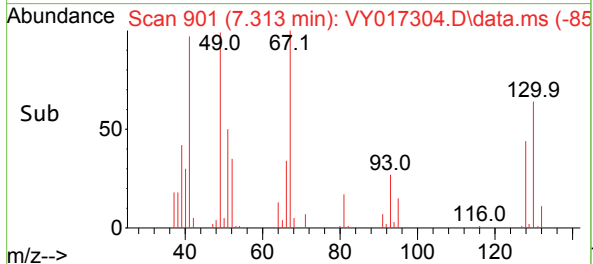
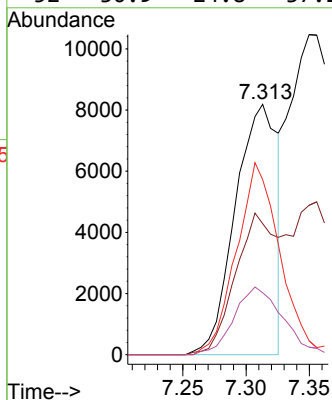
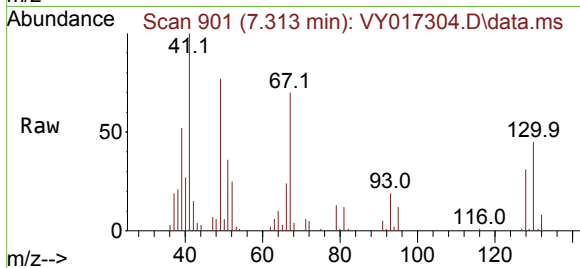


#41
Methacrylonitrile
Concen: 53.848 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 19004

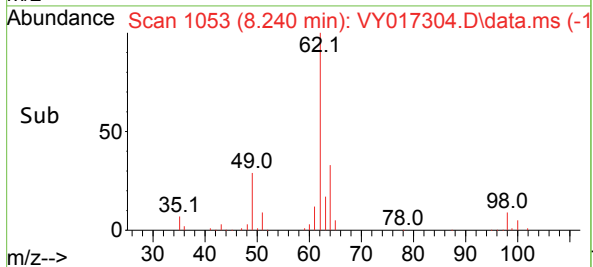
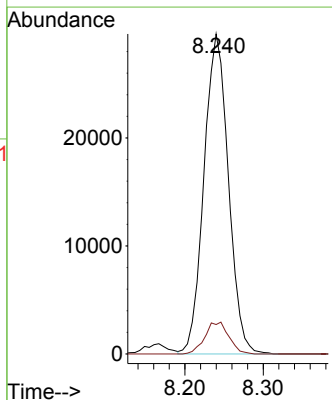
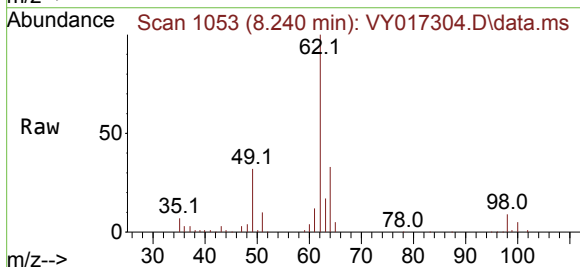
Ion	Ratio	Lower	Upper
41	100		
39	54.3	41.9	62.9
67	80.1	59.8	89.6
52	30.9	24.8	37.2

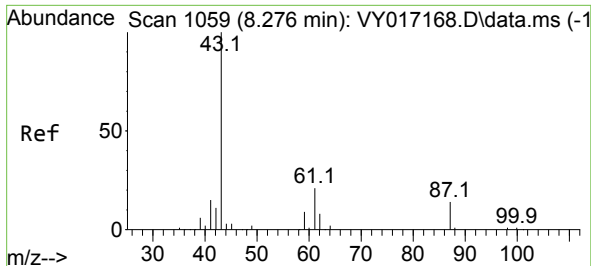


#42
1,2-Dichloroethane
Concen: 52.896 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion: 62 Resp: 64231

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2

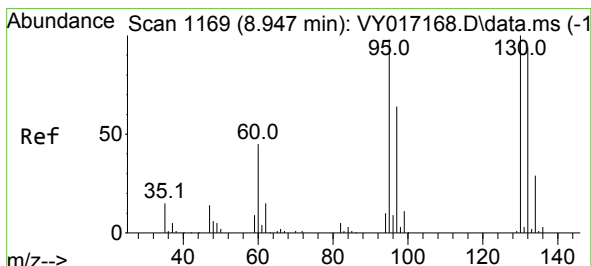
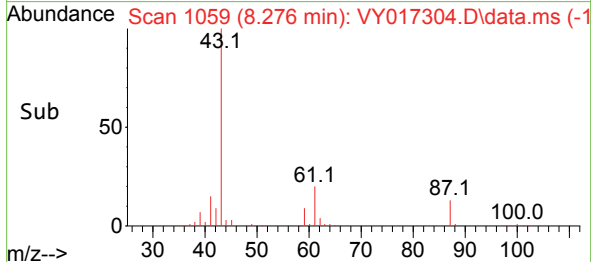
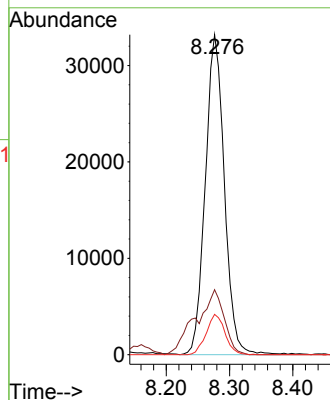
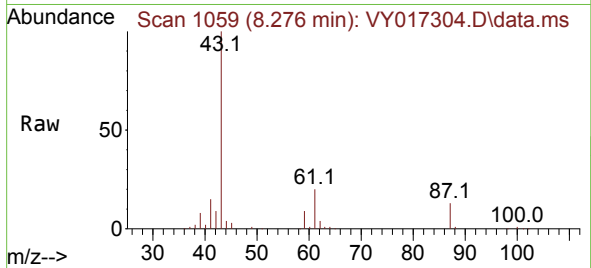




#43
Isopropyl Acetate
Concen: 52.787 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

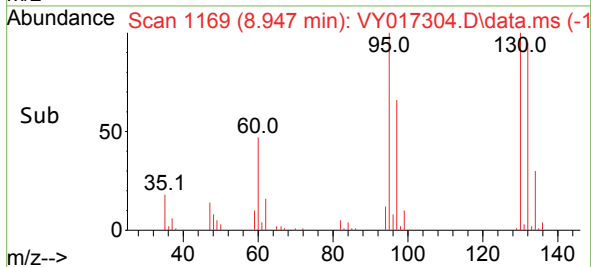
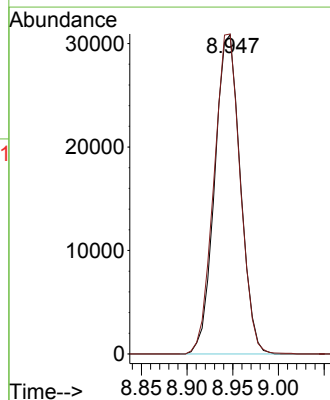
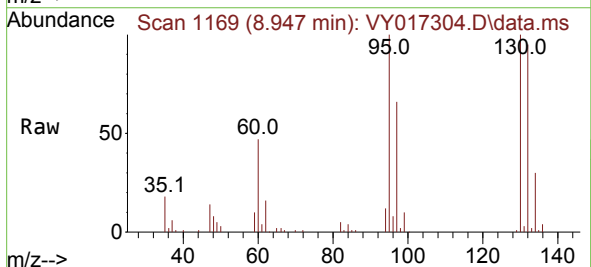
Instrument :
MSVOA_Y
ClientSampleId :

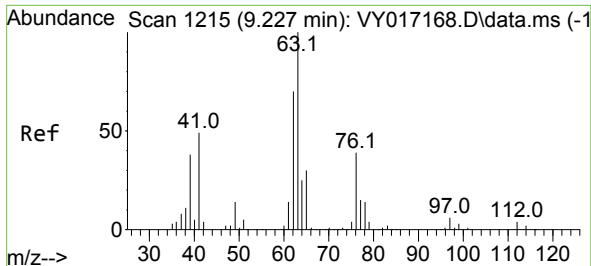
Tgt Ion: 43 Resp: 69604
Ion Ratio Lower Upper
43 100
61 30.1 24.8 37.2
87 12.4 10.7 16.1



#44
Trichloroethene
Concen: 51.714 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion:130 Resp: 60205
Ion Ratio Lower Upper
130 100
95 100.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 54.035 ug/l

RT: 9.221 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

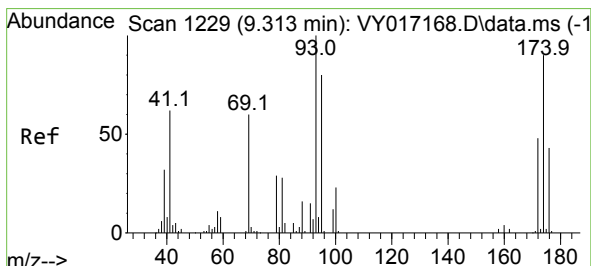
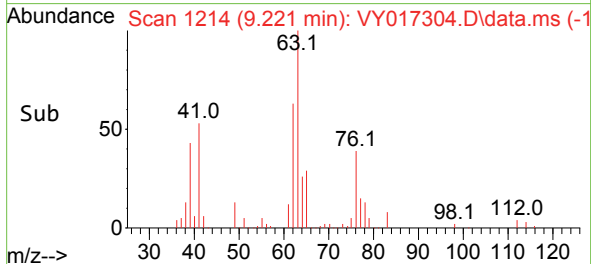
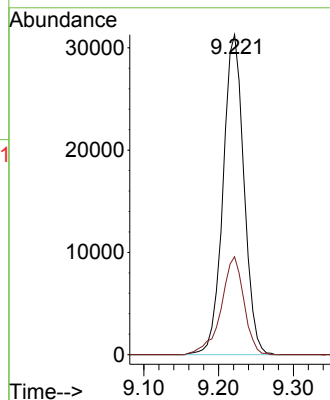
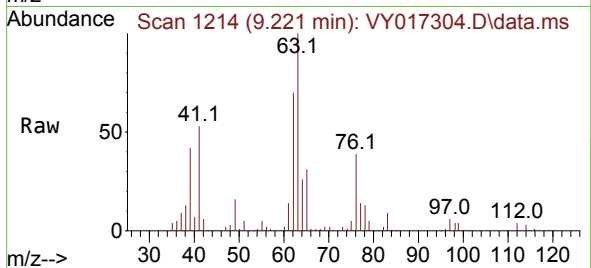
ClientSampleId :

Tgt Ion: 63 Resp: 60871

Ion Ratio Lower Upper

63 100

65 30.6 24.6 36.8



#46

Dibromomethane

Concen: 53.259 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

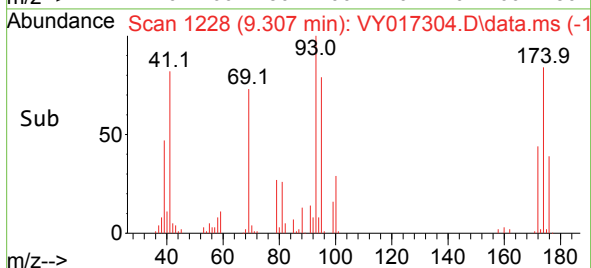
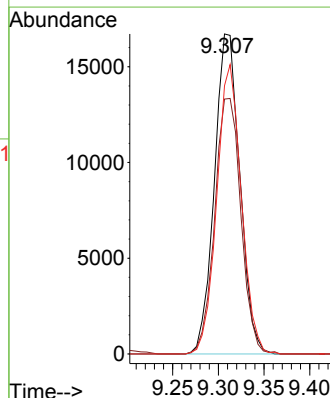
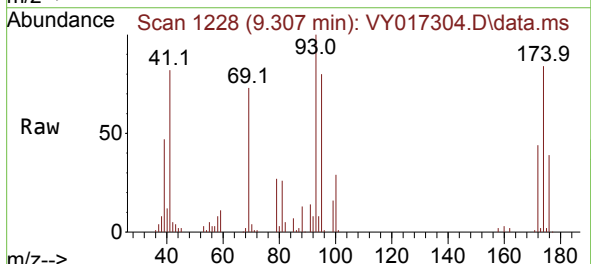
Tgt Ion: 93 Resp: 32409

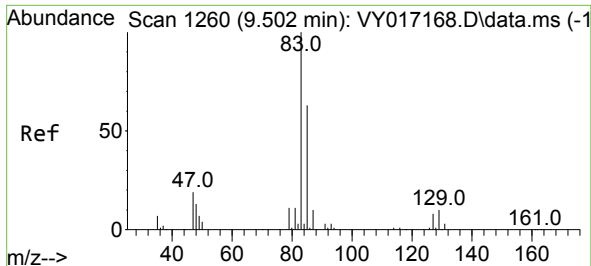
Ion Ratio Lower Upper

93 100

95 82.0 66.6 99.8

174 87.1 73.8 110.6

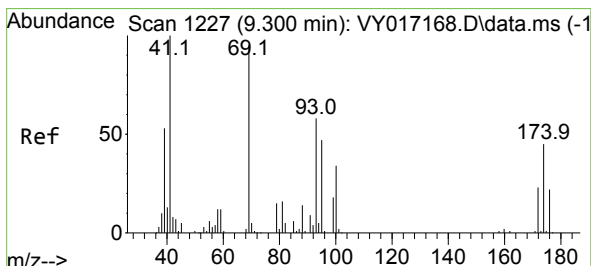
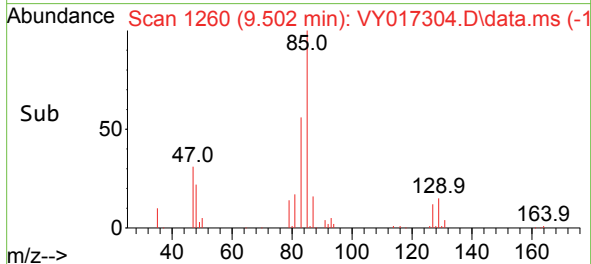
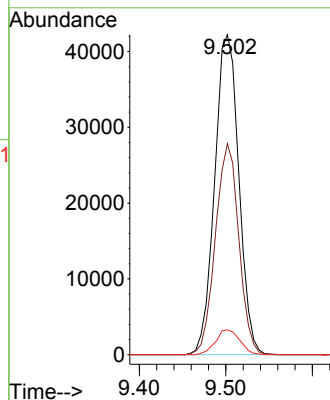
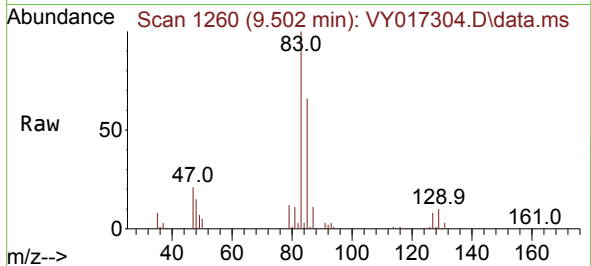




#47
Bromodichloromethane
Concen: 53.618 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

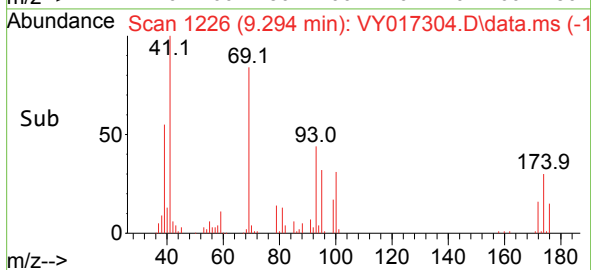
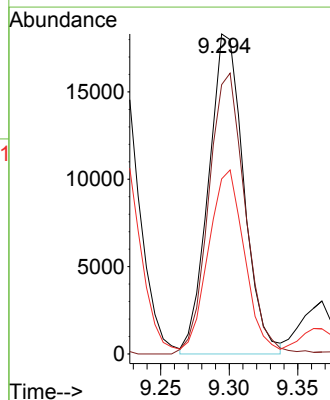
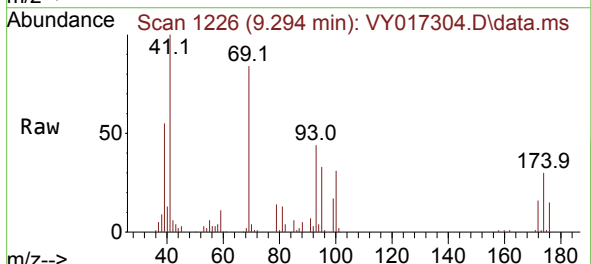
Instrument :
MSVOA_Y
ClientSampleId :

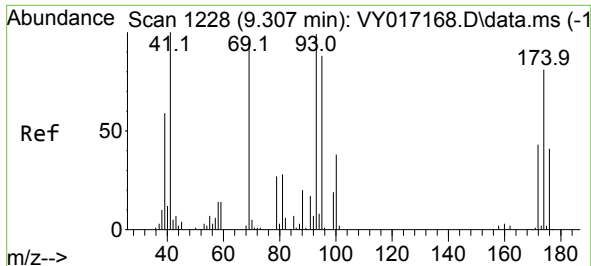
Tgt Ion: 83 Resp: 81654
Ion Ratio Lower Upper
83 100
85 65.9 53.2 79.8
127 7.7 6.4 9.6



#48
Methyl methacrylate
Concen: 53.026 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion: 41 Resp: 32796
Ion Ratio Lower Upper
41 100
69 90.4 72.1 108.1
39 56.0 42.8 64.2





#49

1,4-Dioxane

Concen: 1002.514 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

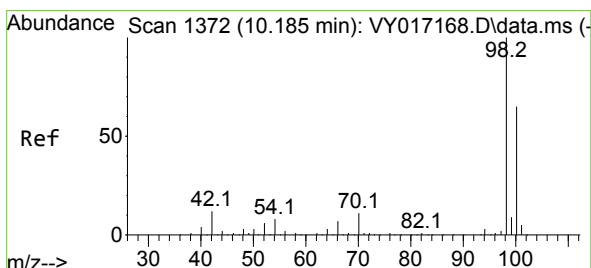
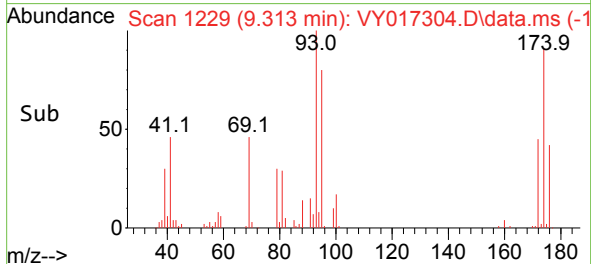
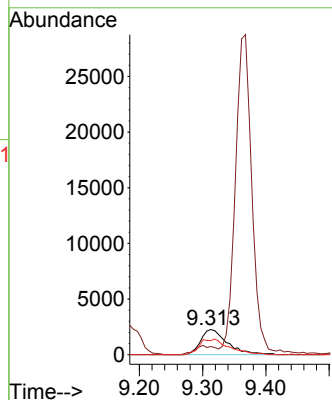
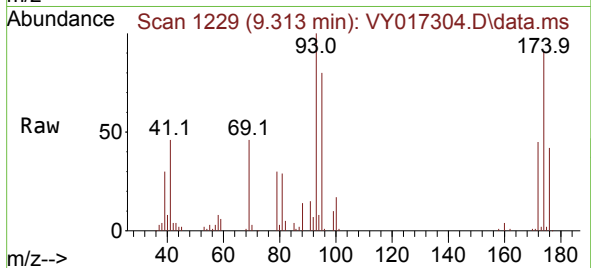
Tgt Ion: 88 Resp: 6640

Ion Ratio Lower Upper

88 100

43 27.7 28.2 42.4#

58 68.6 52.2 78.2



#50

Toluene-d8

Concen: 50.343 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017304.D

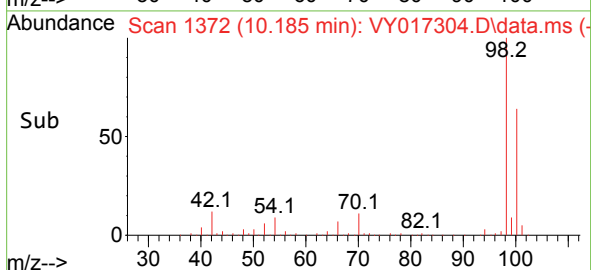
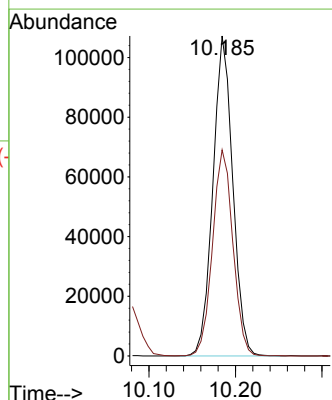
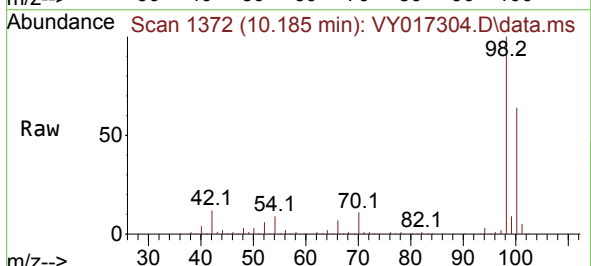
Acq: 08 Feb 2024 11:36

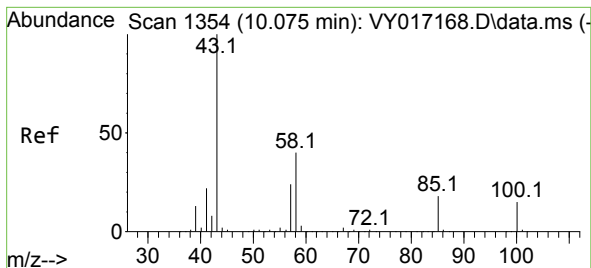
Tgt Ion: 98 Resp: 170654

Ion Ratio Lower Upper

98 100

100 66.0 52.3 78.5

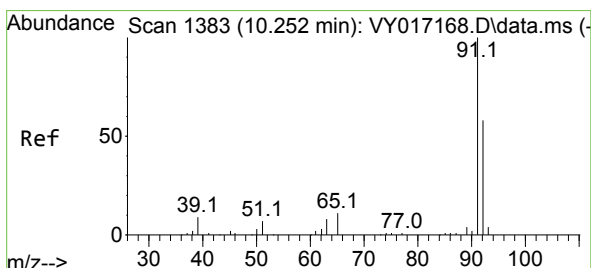
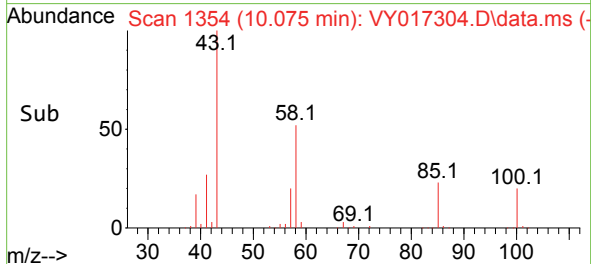
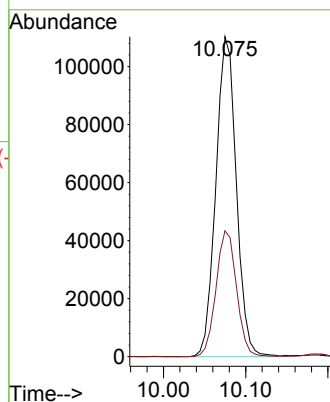
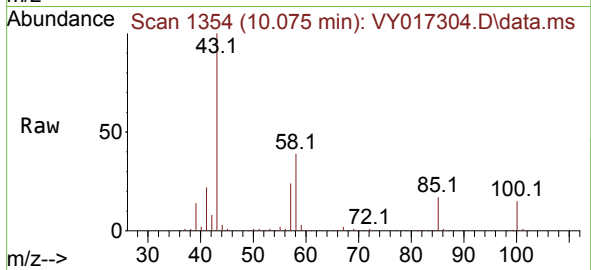




#51
4-Methyl-2-Pentanone
Concen: 269.674 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

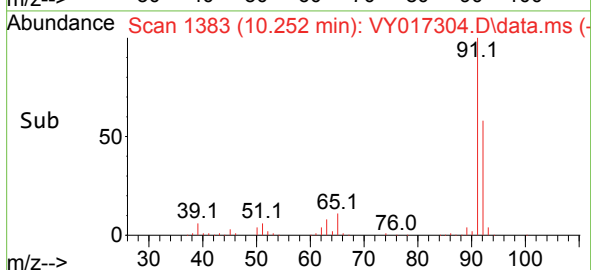
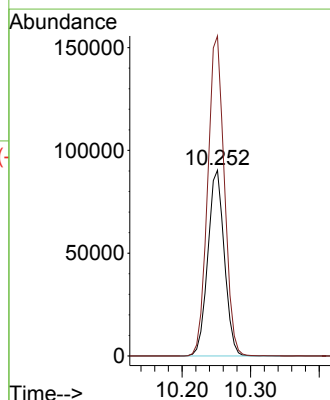
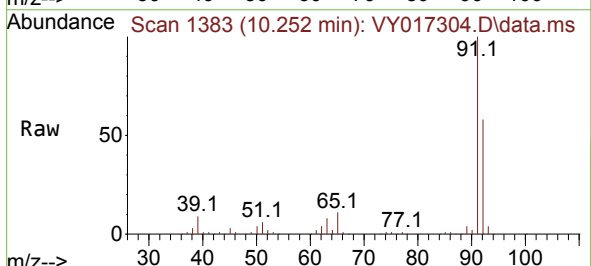
Instrument :
MSVOA_Y
ClientSampleId :

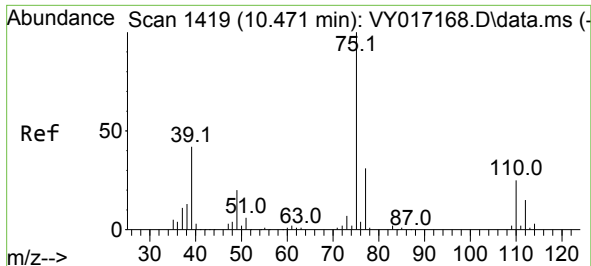
Tgt Ion: 43 Resp: 190612
Ion Ratio Lower Upper
43 100
58 39.5 32.2 48.2



#52
Toluene
Concen: 54.663 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion: 92 Resp: 151324
Ion Ratio Lower Upper
92 100
91 173.7 137.6 206.4

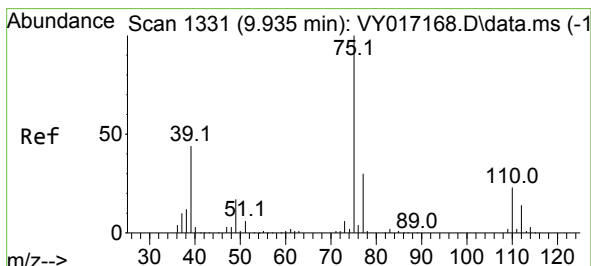
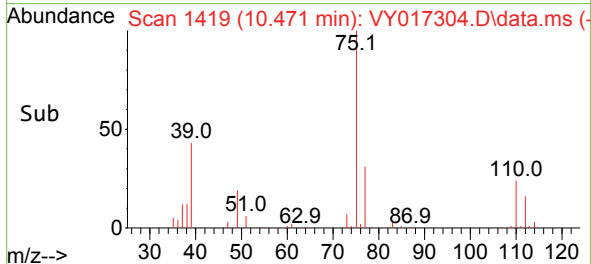
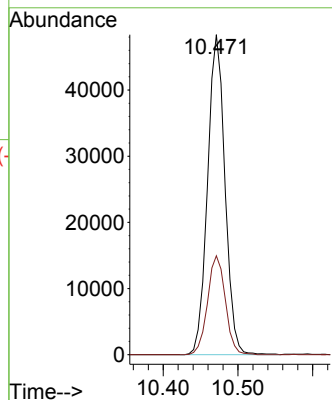
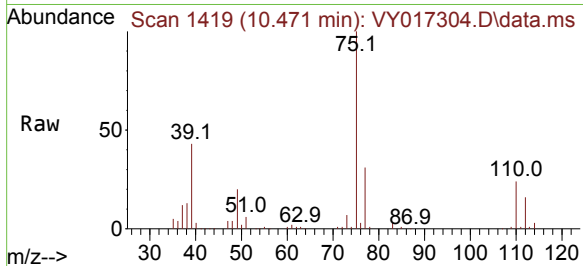




#53
 t-1,3-Dichloropropene
 Concen: 54.723 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017304.D
 Acq: 08 Feb 2024 11:36

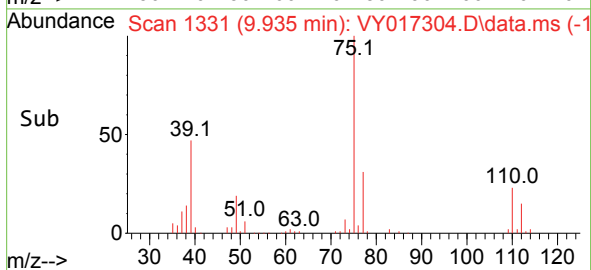
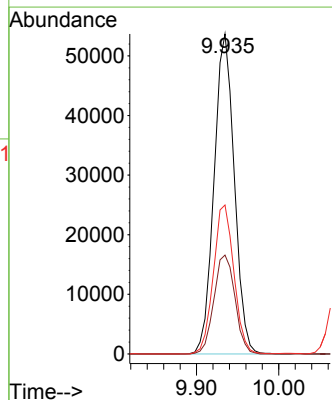
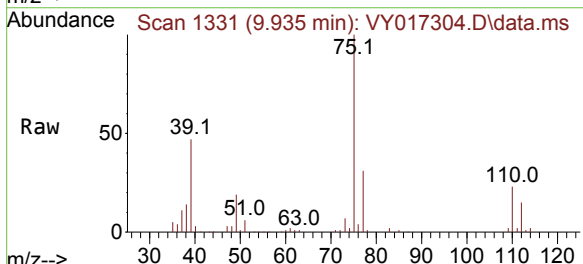
Instrument :
 MSVOA_Y
 ClientSampleId :

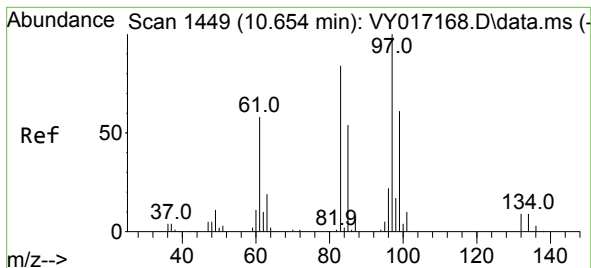
Tgt Ion: 75 Resp: 78279
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 53.697 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017304.D
 Acq: 08 Feb 2024 11:36

Tgt Ion: 75 Resp: 92002
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.6 36.8
 39 46.5 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 53.742 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

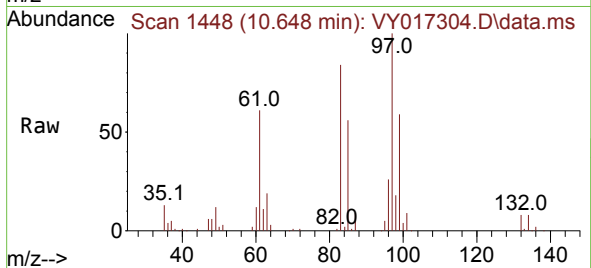
Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 44494

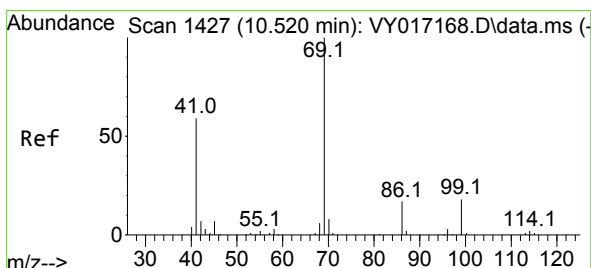
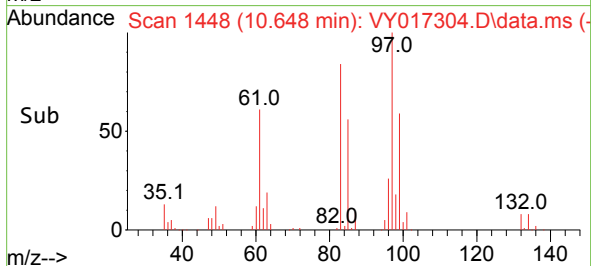
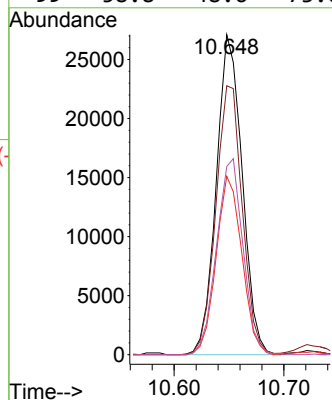
Ion Ratio Lower Upper

97 100

83 84.1 69.4 104.2

85 55.7 43.9 65.9

99 58.8 48.6 73.0



#56

Ethyl methacrylate

Concen: 50.685 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

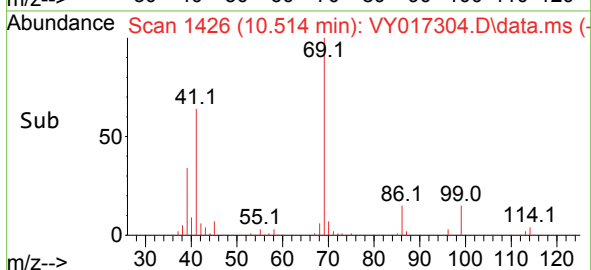
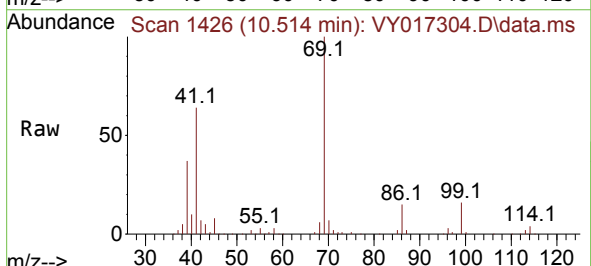
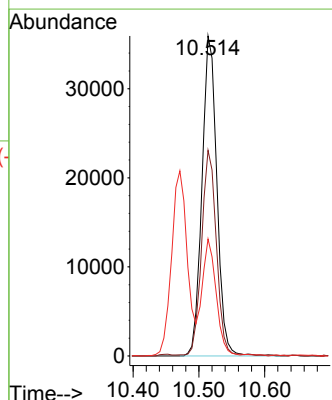
Tgt Ion: 69 Resp: 56508

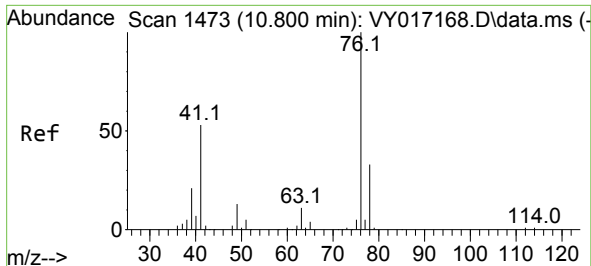
Ion Ratio Lower Upper

69 100

41 63.4 49.2 73.8

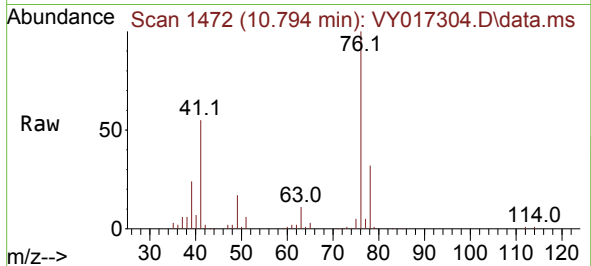
39 33.7 26.8 40.2



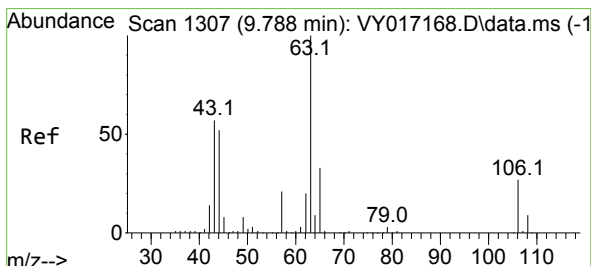
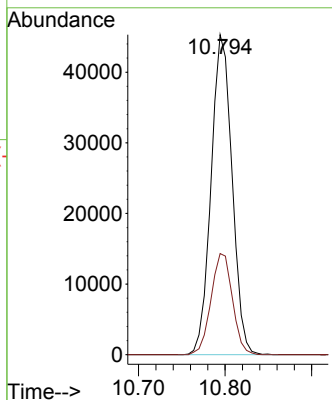
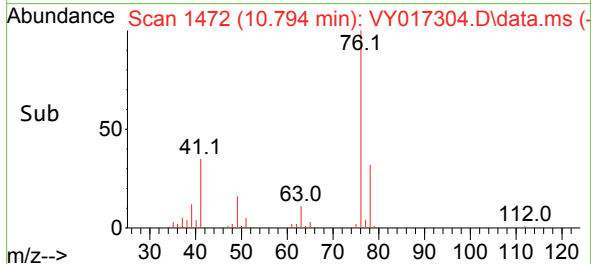


#57
1,3-Dichloropropane
Concen: 53.476 ug/l
RT: 10.794 min Scan# 1473
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Instrument :
MSVOA_Y
ClientSampleId :

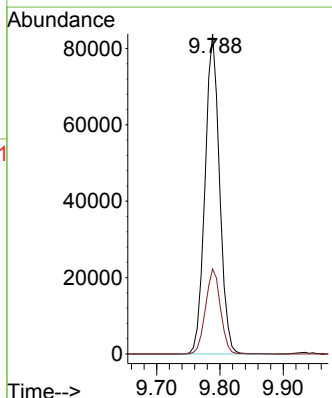
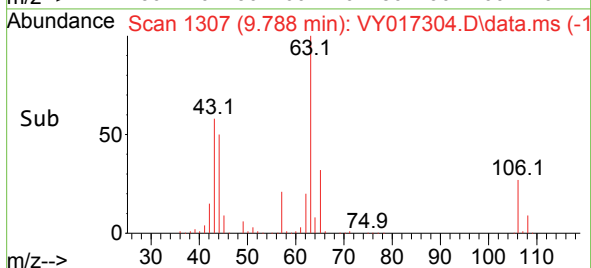
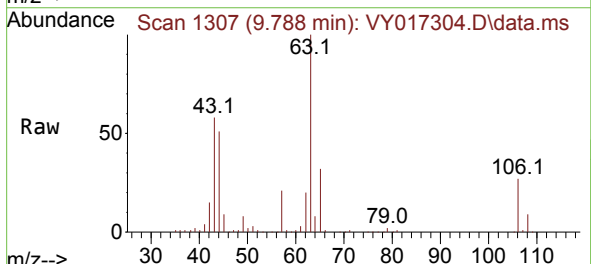


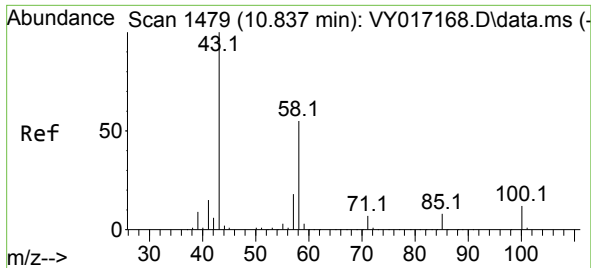
Tgt Ion: 76 Resp: 76150
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 259.442 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion: 63 Resp: 133815
Ion Ratio Lower Upper
63 100
106 27.2 22.4 33.6

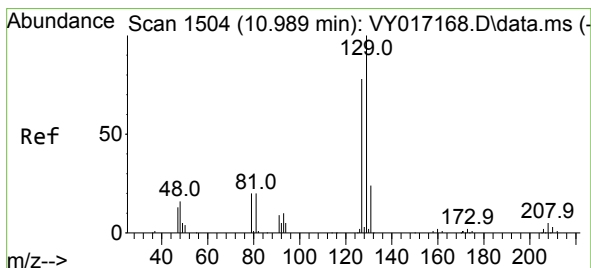
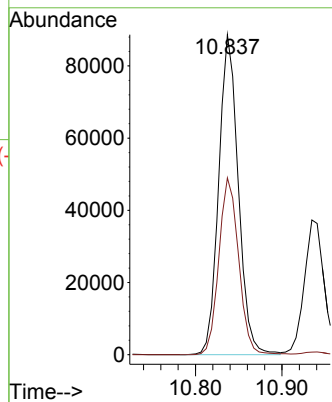
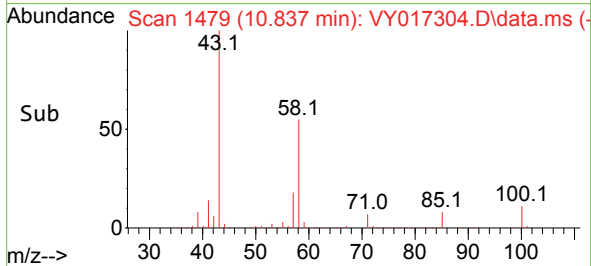
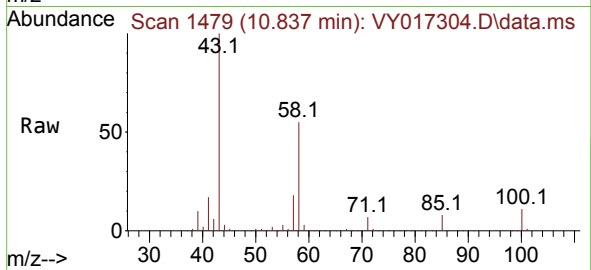




#59
2-Hexanone
Concen: 271.952 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

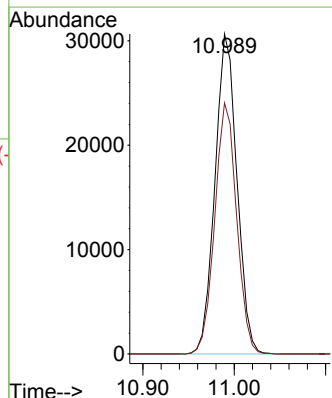
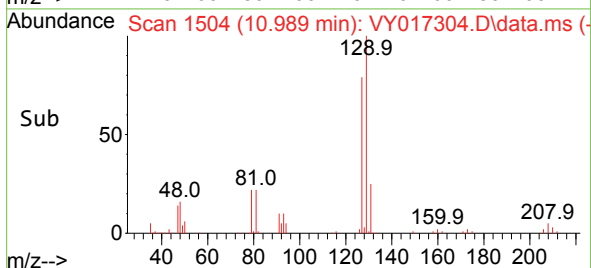
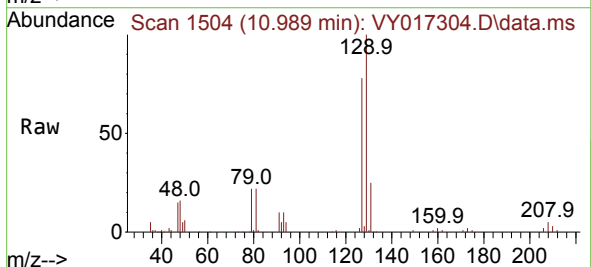
Instrument :
MSVOA_Y
ClientSampleId :

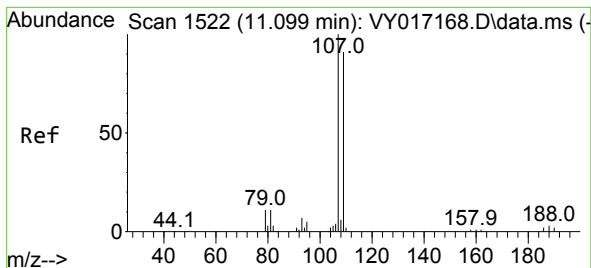
Tgt Ion: 43 Resp: 138997
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.3



#60
Dibromochloromethane
Concen: 52.729 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion:129 Resp: 51214
Ion Ratio Lower Upper
129 100
127 78.1 39.2 117.6

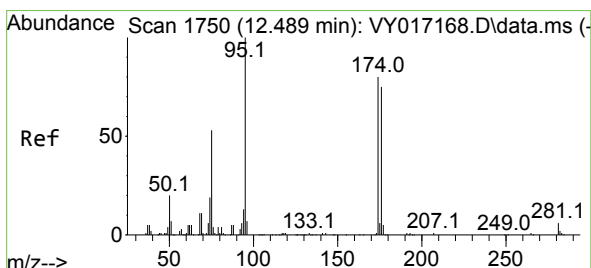
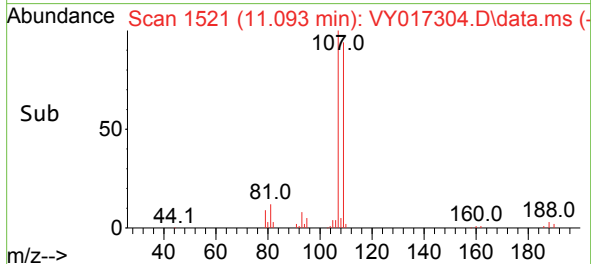
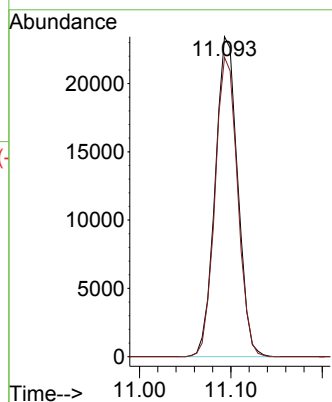
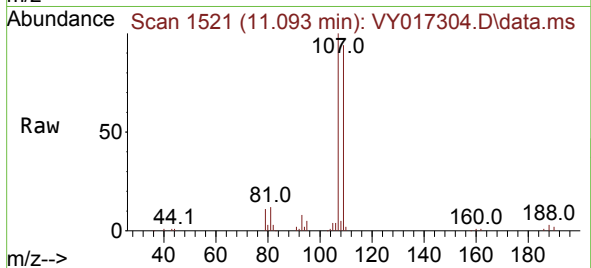




#61
1,2-Dibromoethane
Concen: 52.009 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

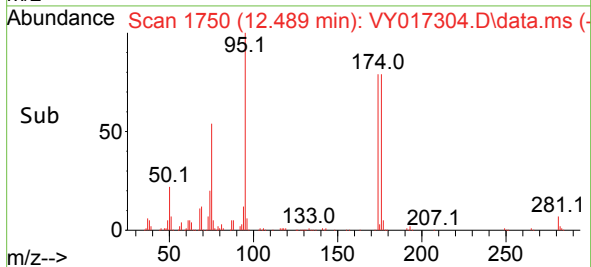
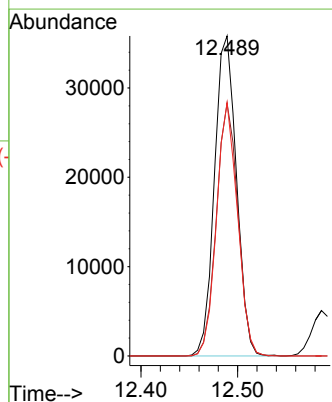
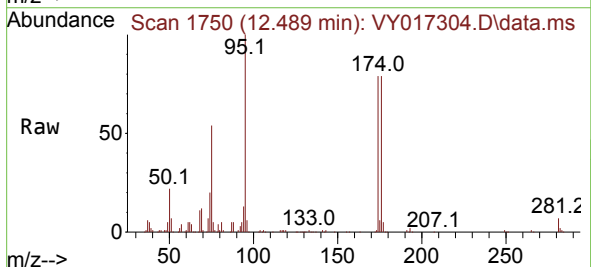
Instrument :
MSVOA_Y
ClientSampleId :

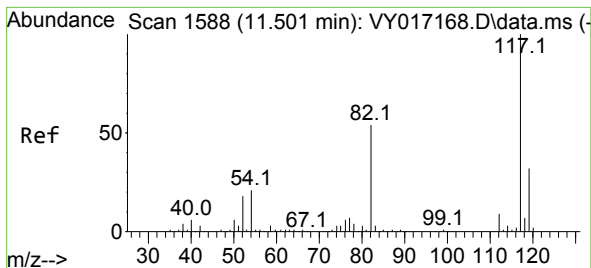
Tgt Ion:107 Resp: 40047
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.921 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion: 95 Resp: 56546
Ion Ratio Lower Upper
95 100
174 77.5 0.0 160.0
176 75.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

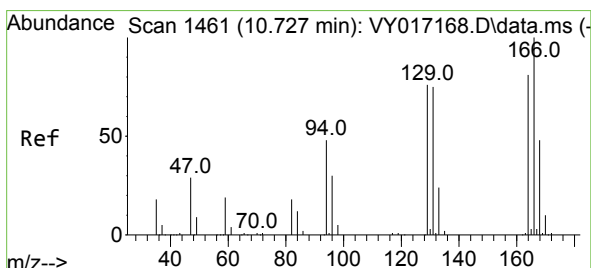
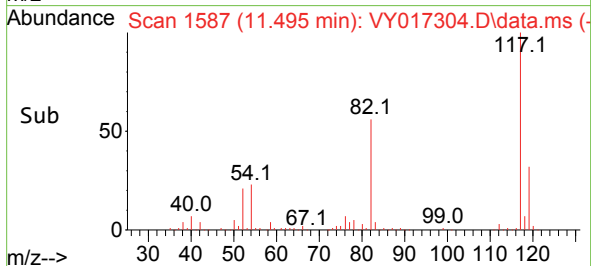
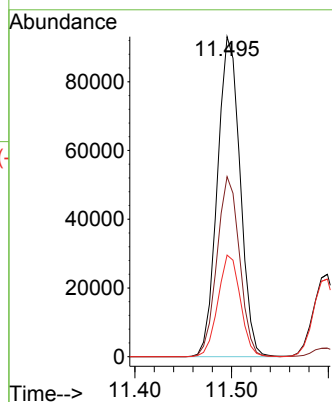
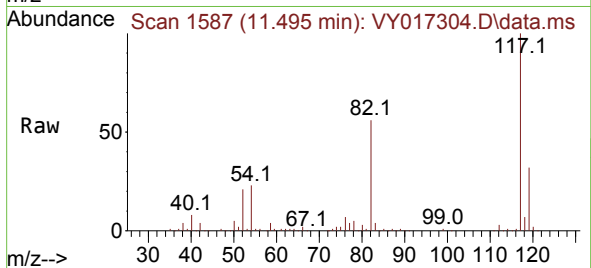
Tgt Ion:117 Resp: 151734

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 31.8 26.5 39.7



#64

Tetrachloroethene

Concen: 50.352 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Tgt Ion:164 Resp: 49619

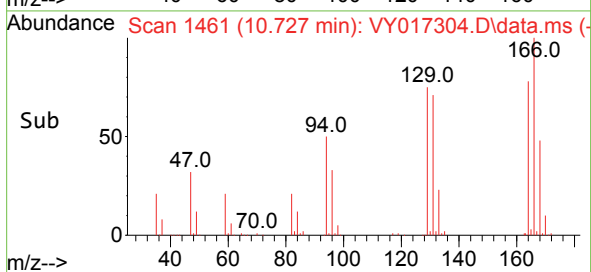
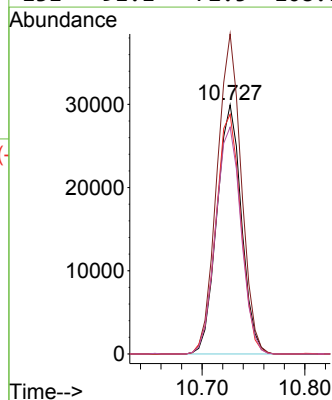
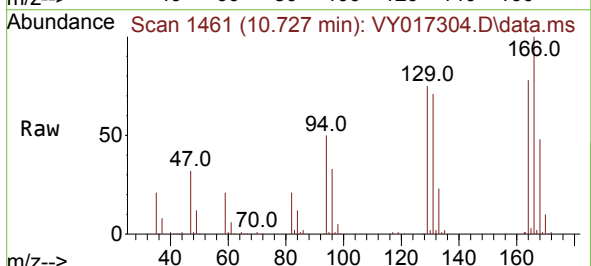
Ion Ratio Lower Upper

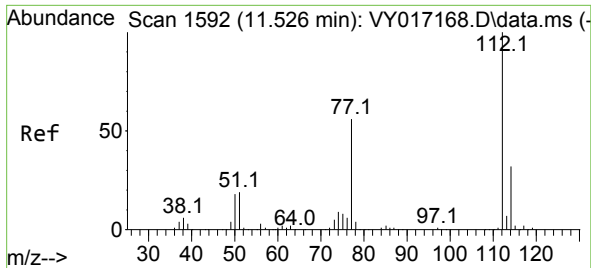
164 100

166 128.4 98.8 148.2

129 96.2 78.9 118.3

131 91.1 72.5 108.7

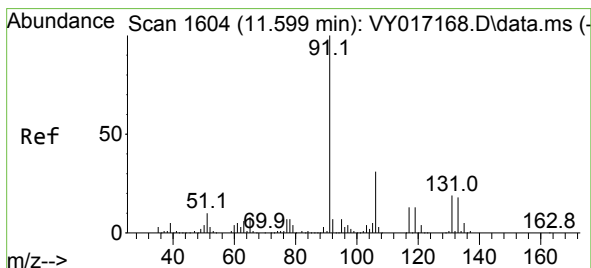
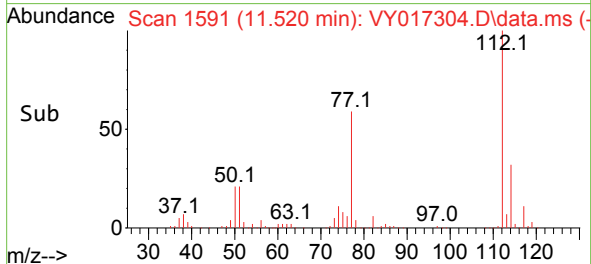
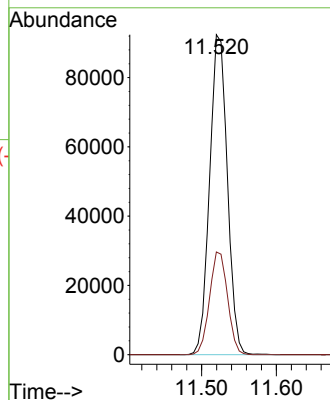
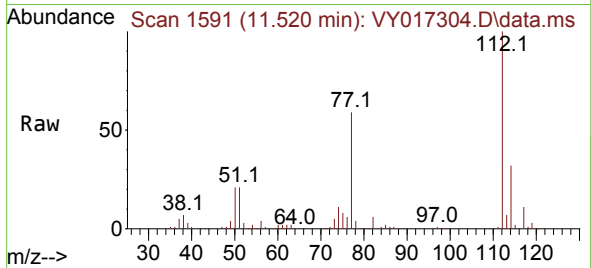




#65
Chlorobenzene
Concen: 51.975 ug/l
RT: 11.520 min Scan# 11592
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

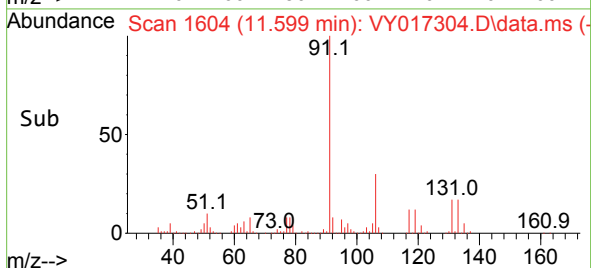
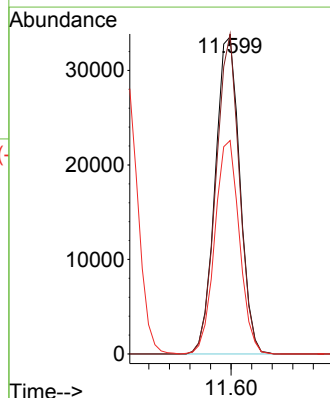
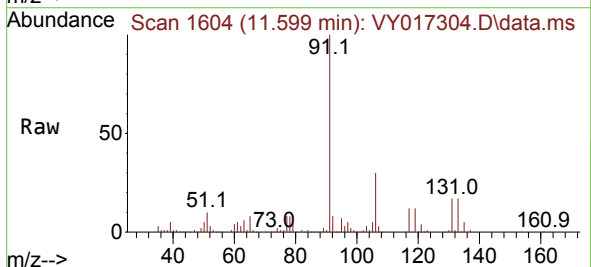
Instrument :
MSVOA_Y
ClientSampleId :

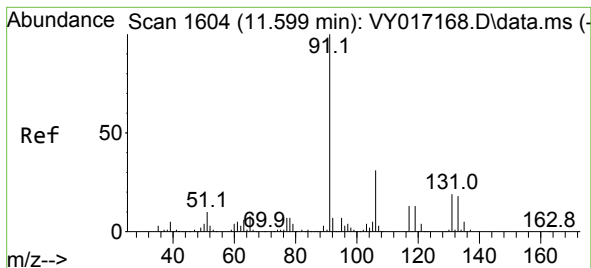
Tgt Ion:112 Resp: 152133
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.430 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion:131 Resp: 55771
Ion Ratio Lower Upper
131 100
133 95.8 47.0 141.0
119 67.3 33.3 99.9





#67

Ethyl Benzene

Concen: 55.626 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

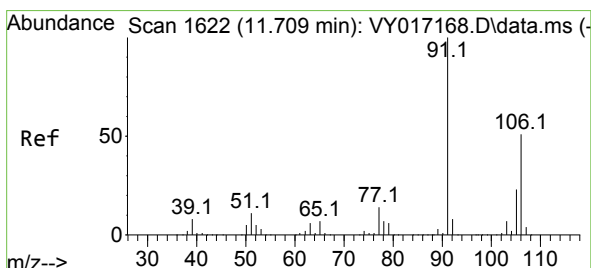
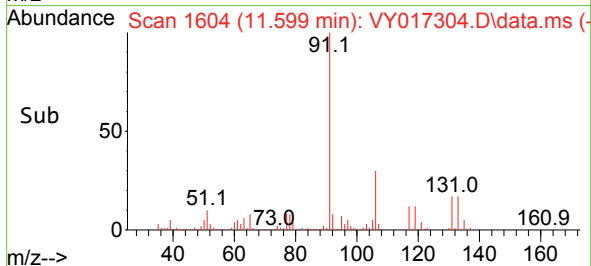
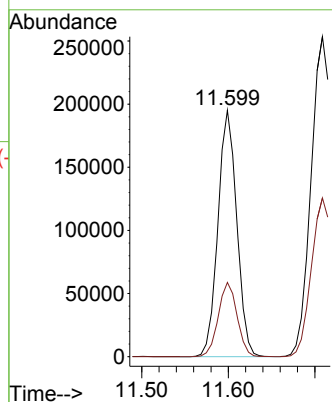
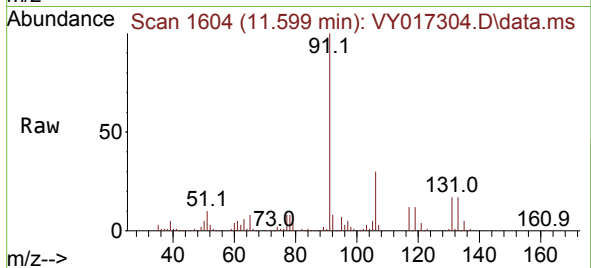
ClientSampleId :

Tgt Ion: 91 Resp: 294266

Ion Ratio Lower Upper

91 100

106 30.1 25.0 37.4



#68

m/p-Xylenes

Concen: 110.735 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017304.D

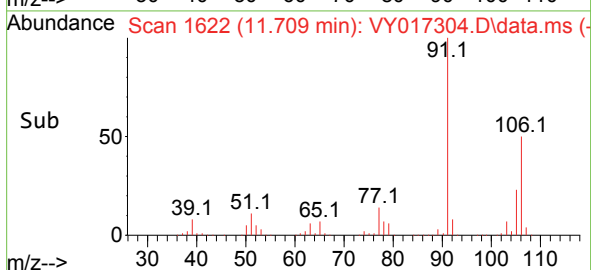
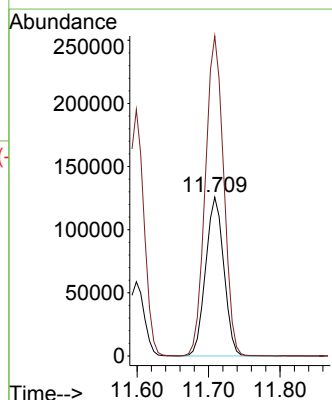
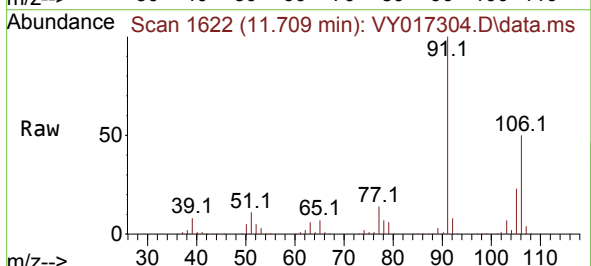
Acq: 08 Feb 2024 11:36

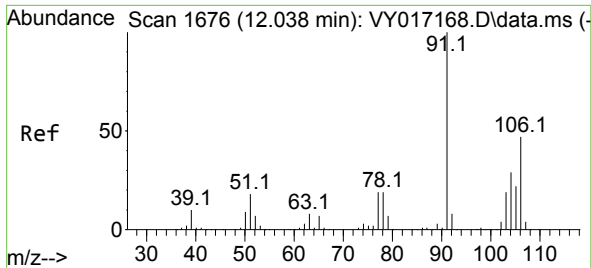
Tgt Ion:106 Resp: 222307

Ion Ratio Lower Upper

106 100

91 202.7 160.7 241.1

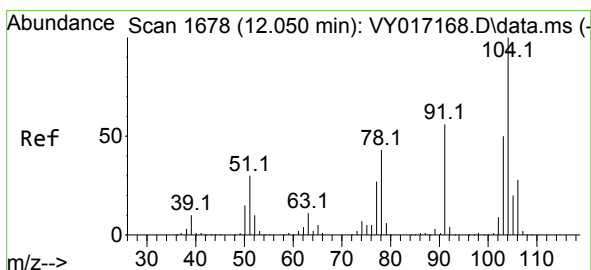
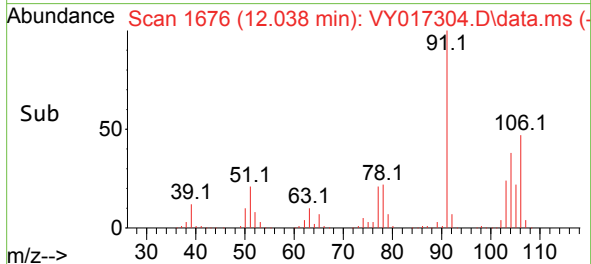
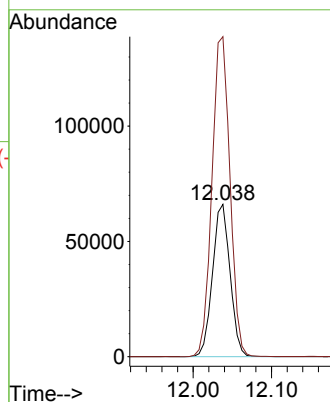
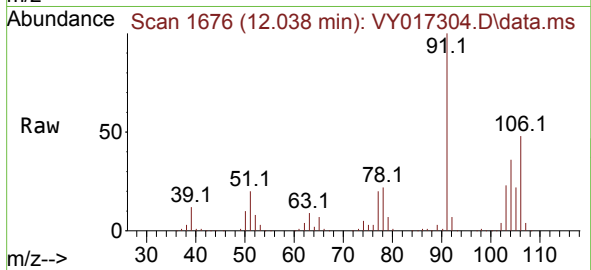




#69
o-Xylene
Concen: 55.602 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

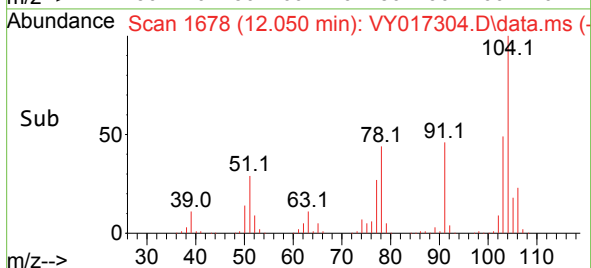
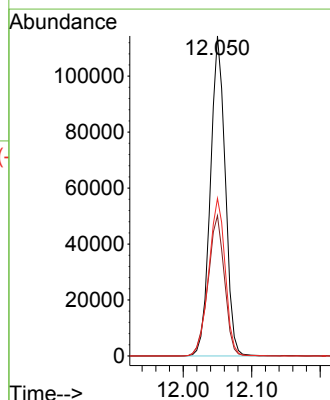
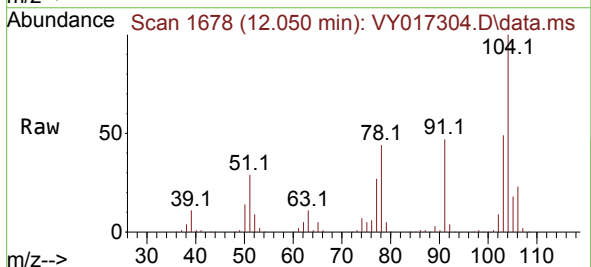
Instrument :
MSVOA_Y
ClientSampleId :

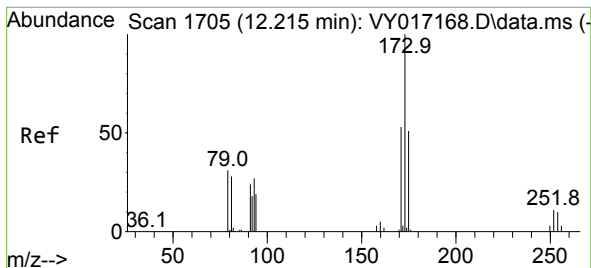
Tgt Ion:106 Resp: 102794
Ion Ratio Lower Upper
106 100
91 215.8 106.5 319.5



#70
Styrene
Concen: 56.950 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion:104 Resp: 173474
Ion Ratio Lower Upper
104 100
78 48.2 39.2 58.8
103 54.2 43.8 65.6





#71

Bromoform

Concen: 51.151 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017304.D

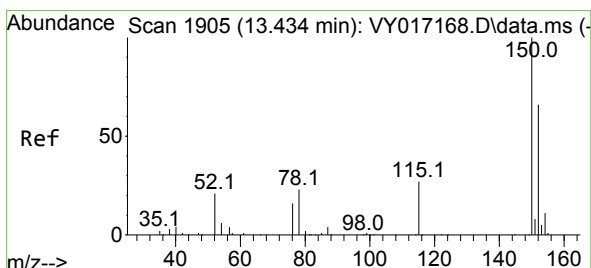
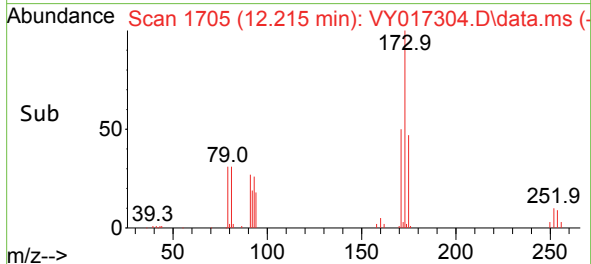
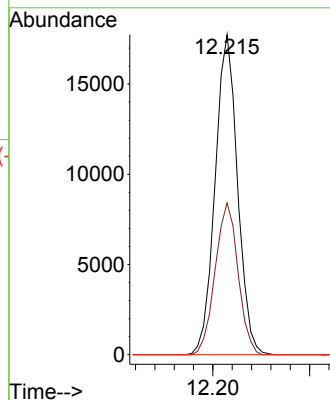
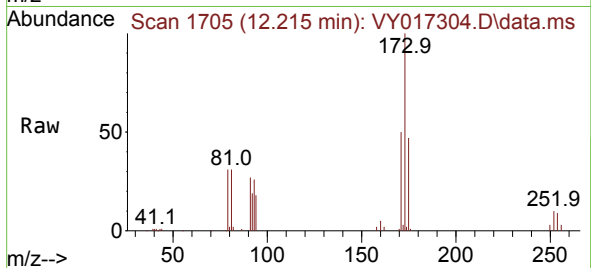
Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	28495
Ion Ratio	Lower	Upper
173	100	
175	48.4	23.5 70.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

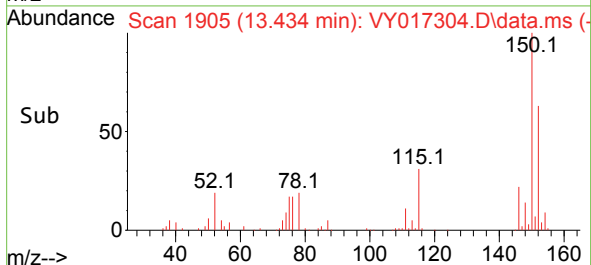
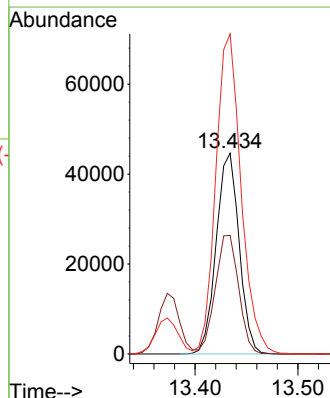
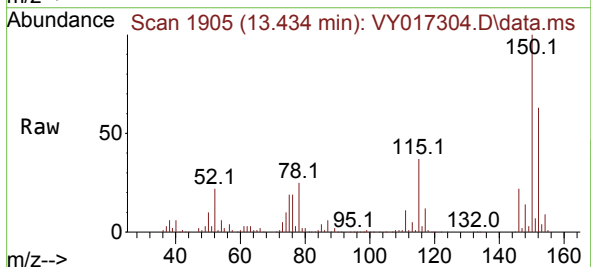
RT: 13.434 min Scan# 1905

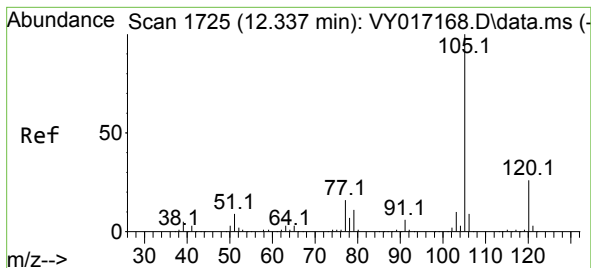
Delta R.T. 0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Tgt Ion:152	Resp:	69054
Ion Ratio	Lower	Upper
152	100	
115	60.7	30.0 90.0
150	175.8	0.0 344.6





#73

Isopropylbenzene

Concen: 54.902 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

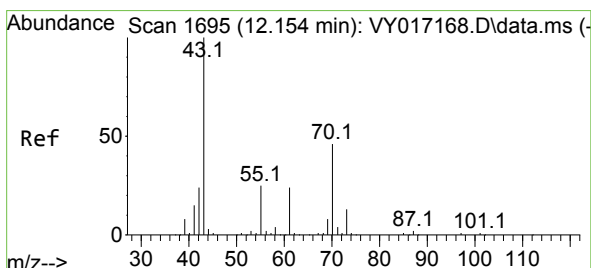
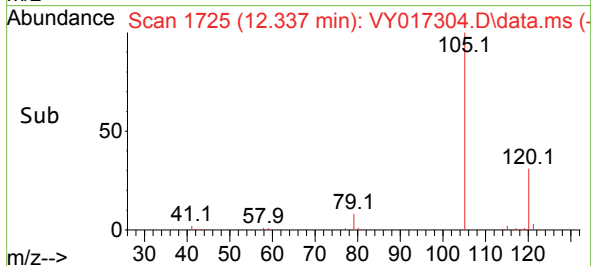
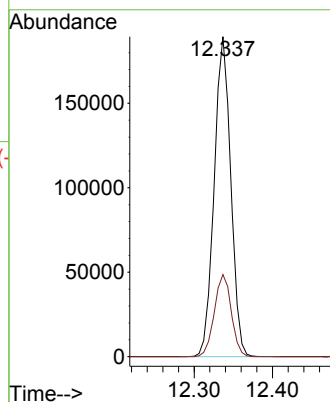
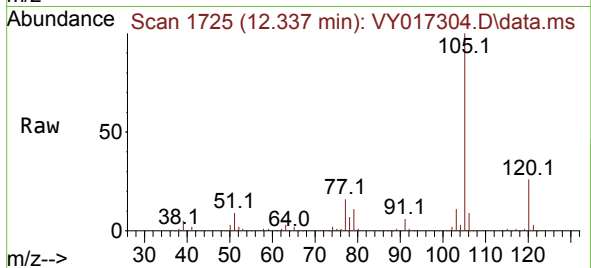
ClientSampleId :

Tgt Ion:105 Resp: 278516

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 55.707 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Tgt Ion: 43 Resp: 63498

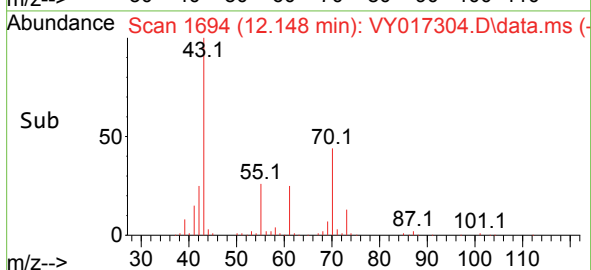
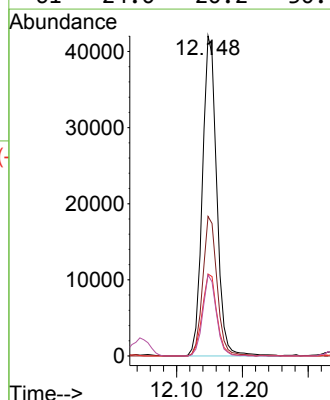
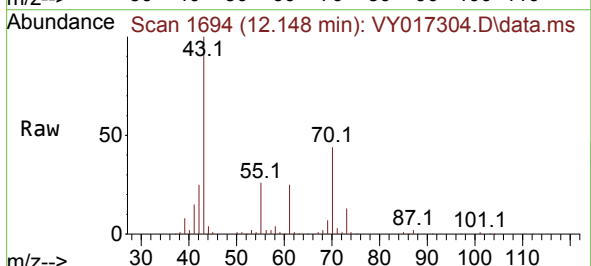
Ion Ratio Lower Upper

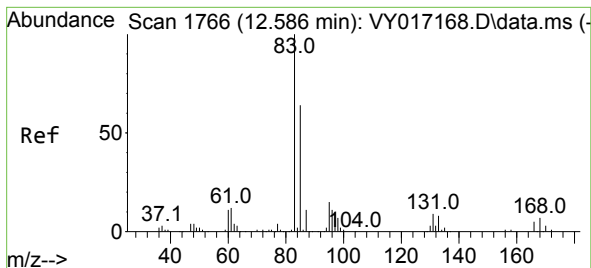
43 100

70 43.6 36.6 55.0

55 26.3 22.2 33.4

61 24.0 20.2 30.4

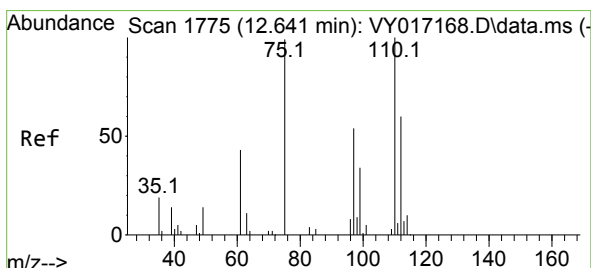
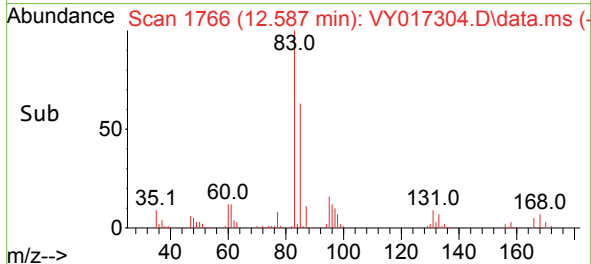
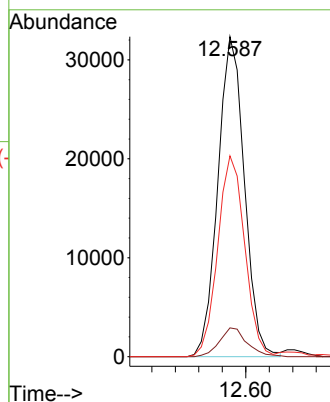
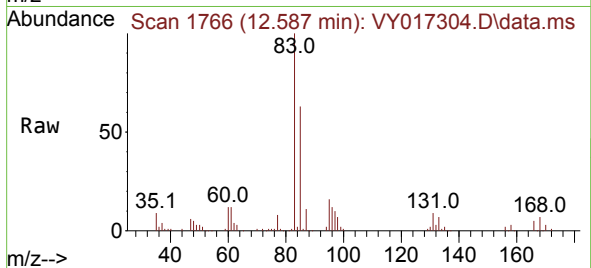




#75
1,1,2,2-Tetrachloroethane
Concen: 50.864 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

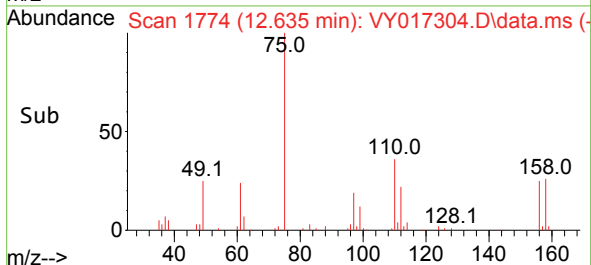
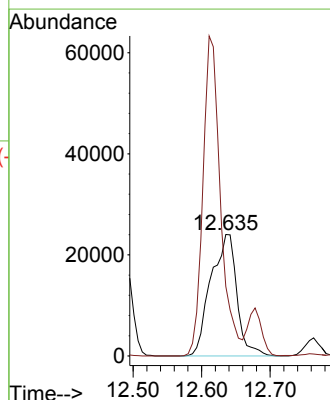
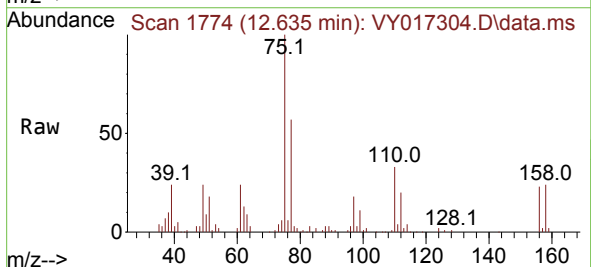
Instrument :
MSVOA_Y
ClientSampleId :

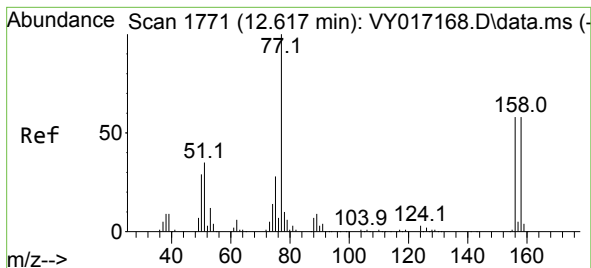
Tgt Ion: 83	Resp: 50751
Ion Ratio	Lower Upper
83	100
131	9.3 4.9 14.6
85	63.8 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 99.437 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion: 75	Resp: 63377
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.468 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

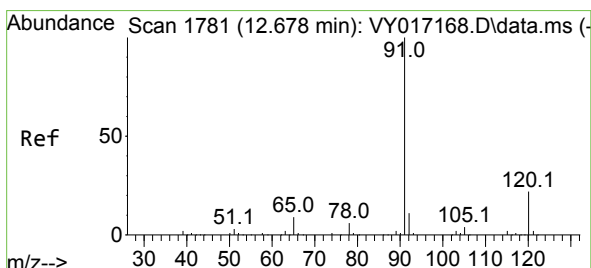
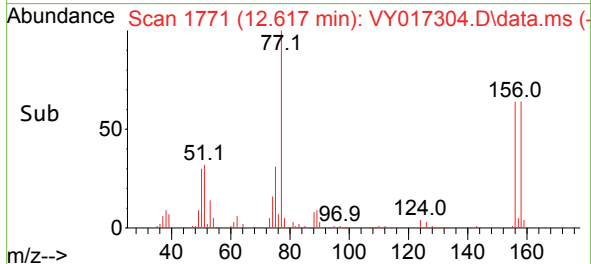
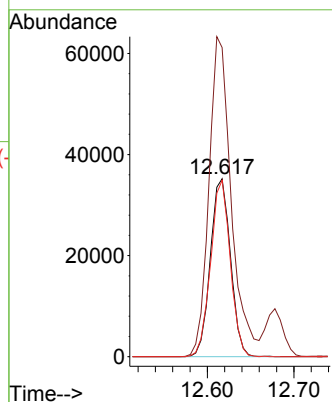
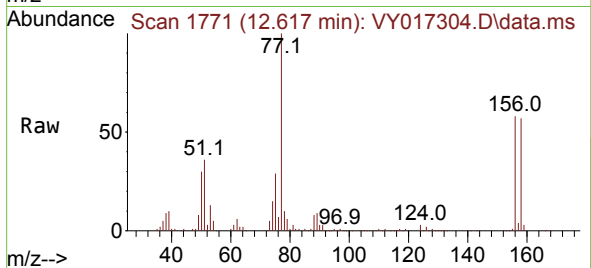
Tgt Ion:156 Resp: 56789

Ion Ratio Lower Upper

156 100

77 199.9 97.3 291.8

158 96.6 48.4 145.0



#78

n-propylbenzene

Concen: 56.044 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017304.D

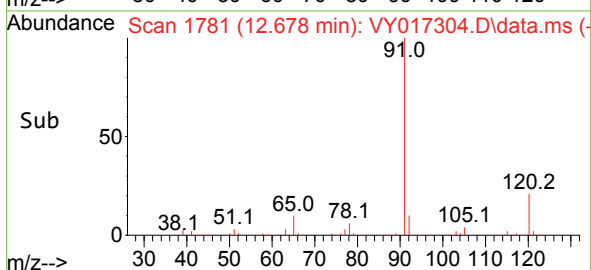
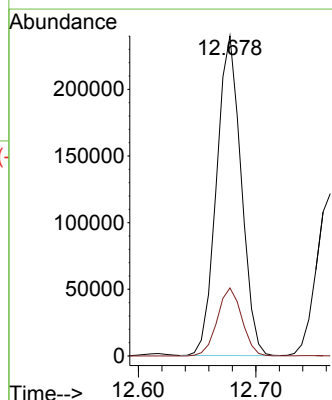
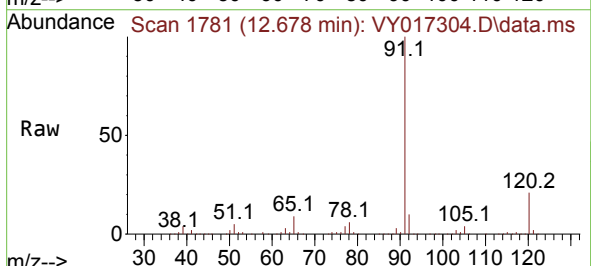
Acq: 08 Feb 2024 11:36

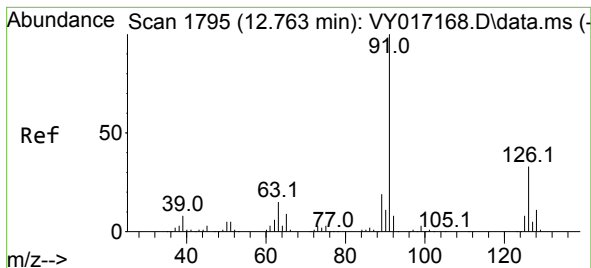
Tgt Ion: 91 Resp: 349182

Ion Ratio Lower Upper

91 100

120 21.2 11.0 33.0





#79

2-Chlorotoluene

Concen: 54.293 ug/l

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

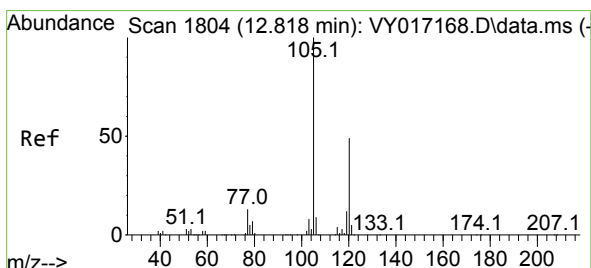
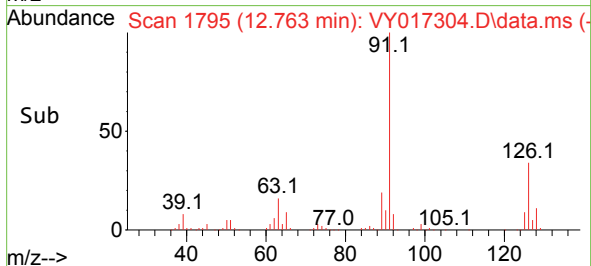
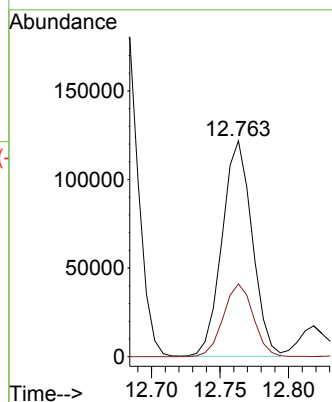
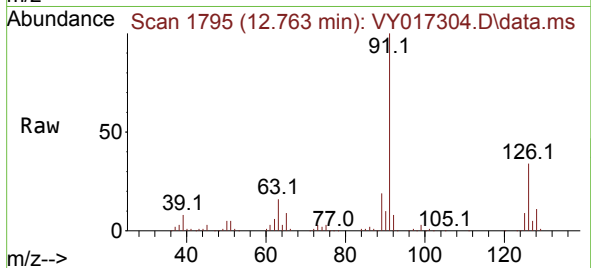
ClientSampleId :

Tgt Ion: 91 Resp: 185971

Ion Ratio Lower Upper

91 100

126 33.7 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 55.593 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017304.D

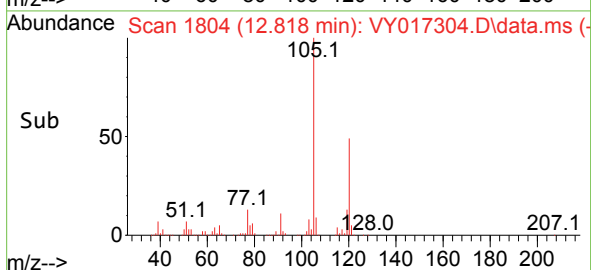
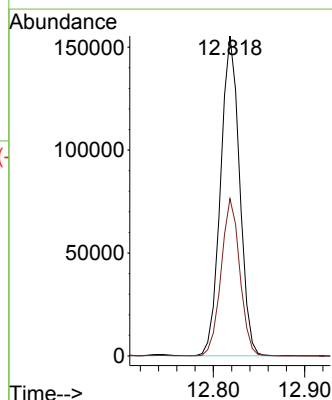
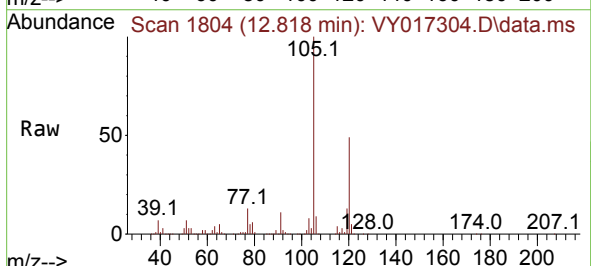
Acq: 08 Feb 2024 11:36

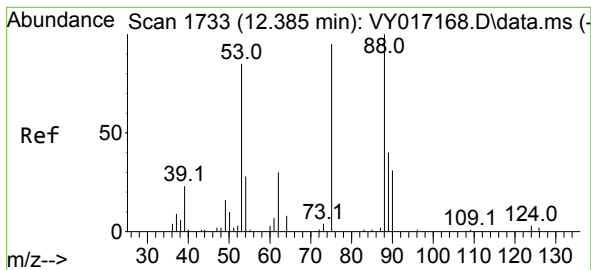
Tgt Ion: 105 Resp: 224296

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8

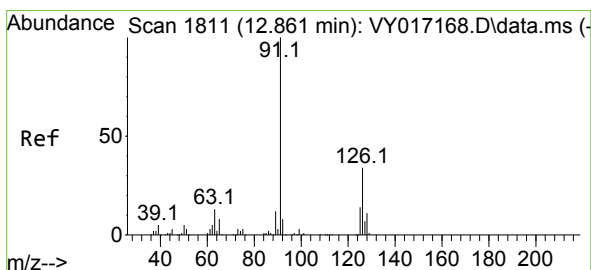
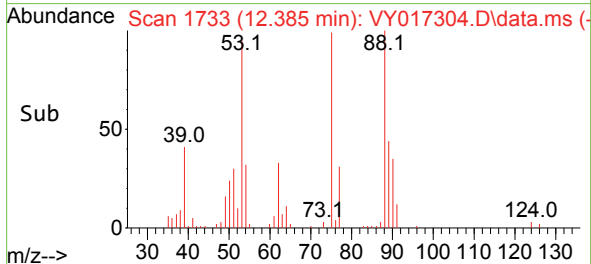
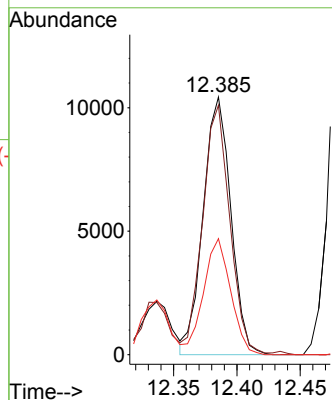
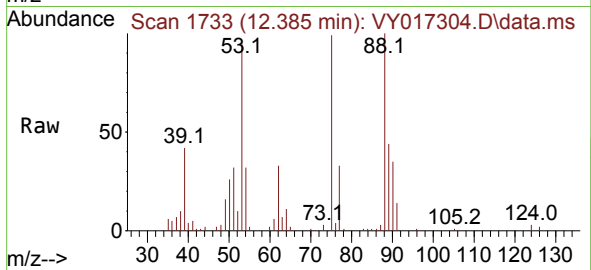




#81
trans-1,4-Dichloro-2-butene
Concen: 51.885 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

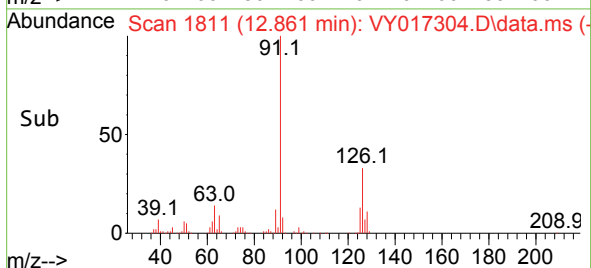
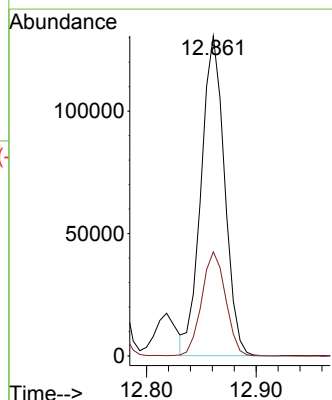
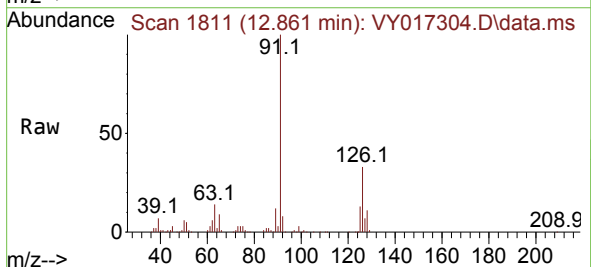
Instrument :
MSVOA_Y
ClientSampleId :

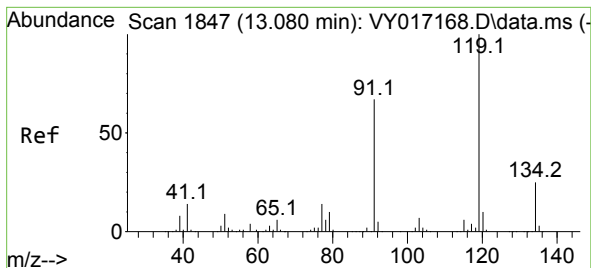
Tgt Ion: 75 Resp: 15915
Ion Ratio Lower Upper
75 100
53 93.7 74.0 111.0
89 44.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 55.000 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017304.D
Acq: 08 Feb 2024 11:36

Tgt Ion: 91 Resp: 193894
Ion Ratio Lower Upper
91 100
126 33.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 55.875 ug/l

RT: 13.080 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

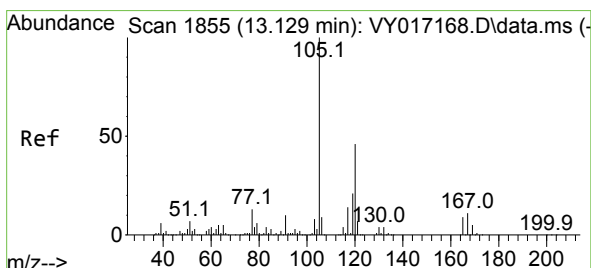
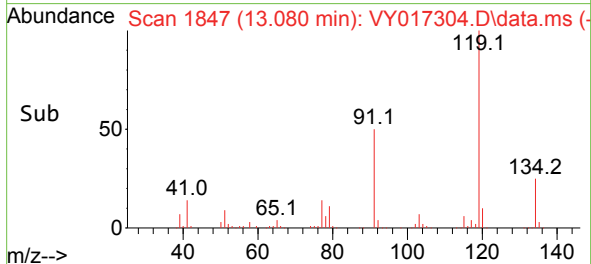
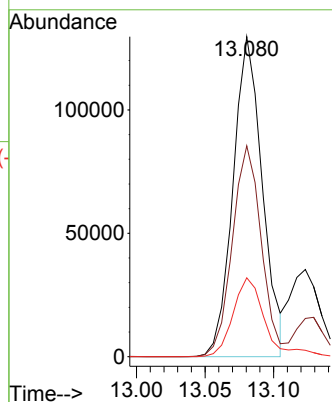
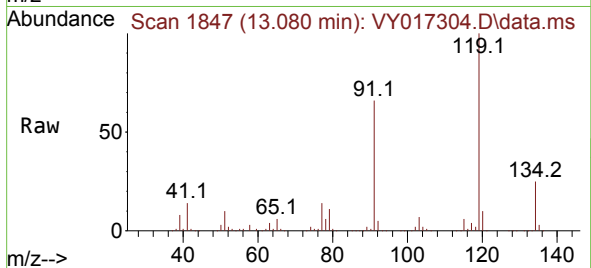
Tgt Ion:119 Resp: 193239

Ion Ratio Lower Upper

119 100

91 64.9 31.5 94.5

134 26.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 55.883 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017304.D

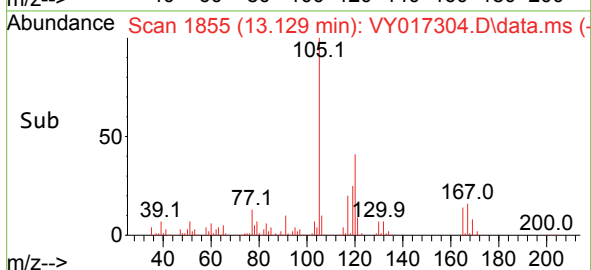
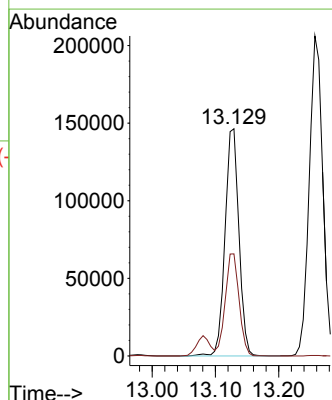
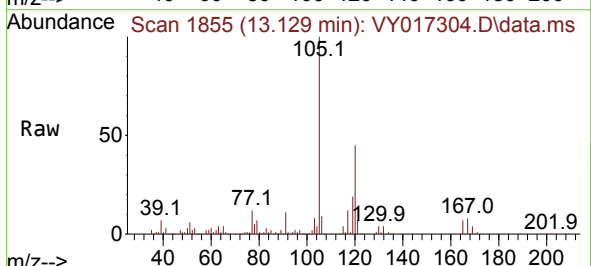
Acq: 08 Feb 2024 11:36

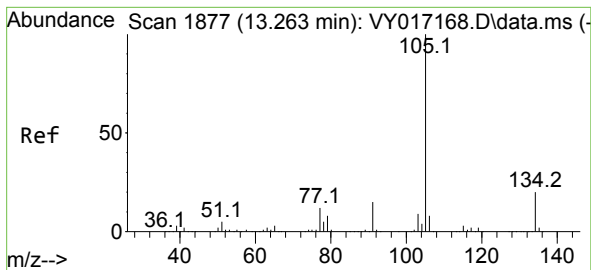
Tgt Ion:105 Resp: 222546

Ion Ratio Lower Upper

105 100

120 44.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 56.392 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

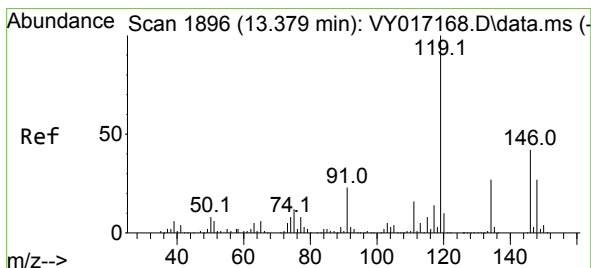
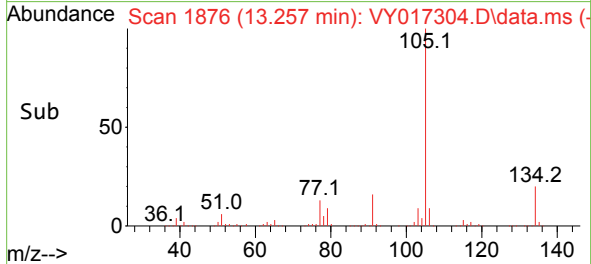
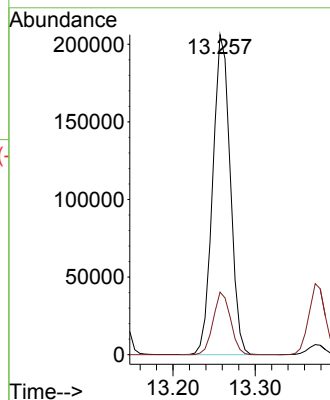
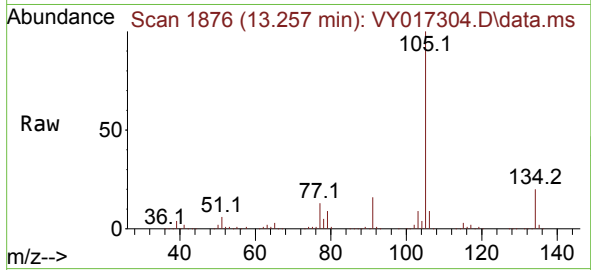
ClientSampleId :

Tgt Ion:105 Resp: 304813

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 56.654 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

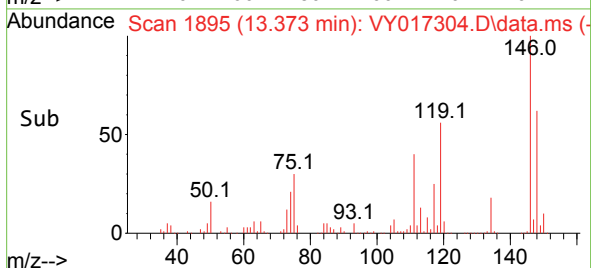
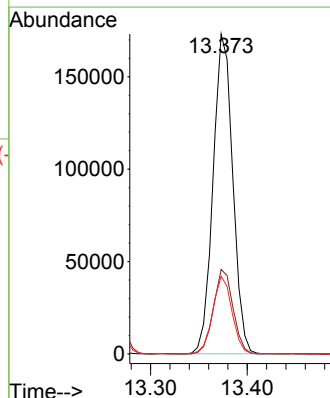
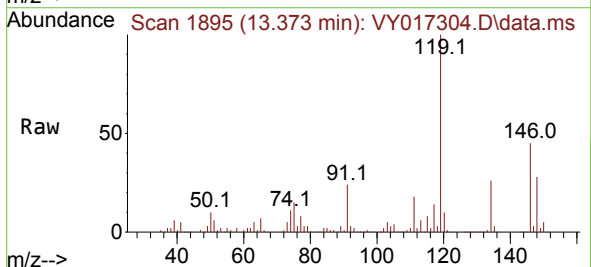
Tgt Ion:119 Resp: 244711

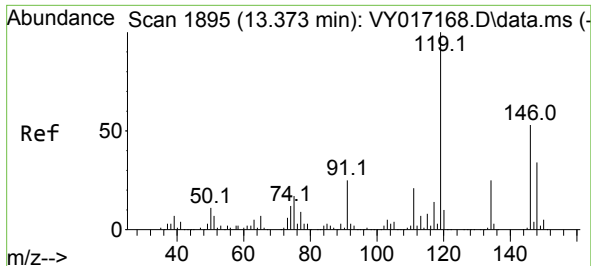
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 23.8 11.7 35.0

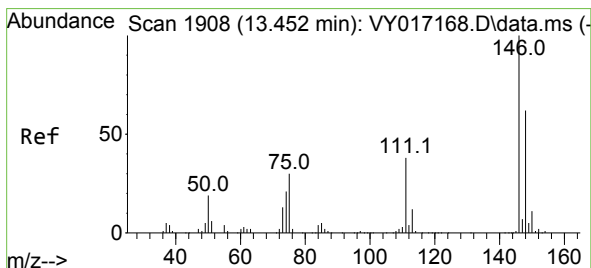
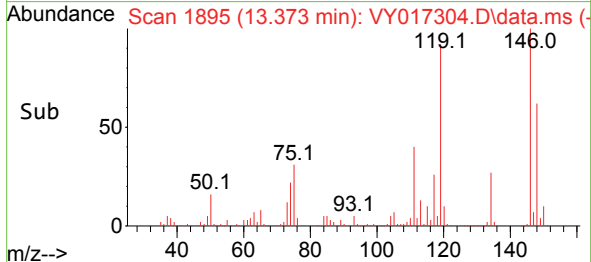
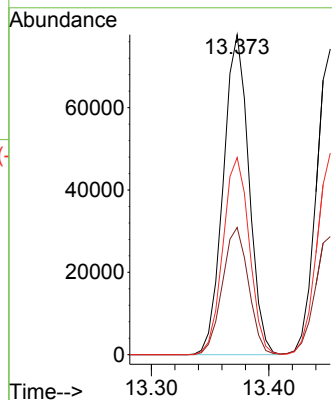
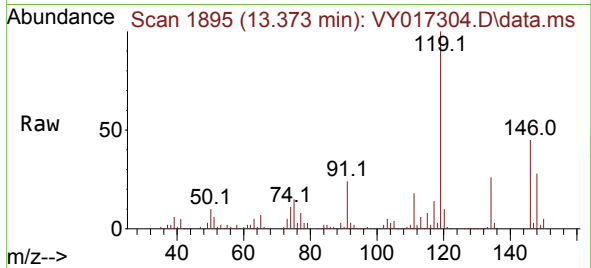




#87
 1,3-Dichlorobenzene
 Concen: 52.600 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017304.D
 Acq: 08 Feb 2024 11:36

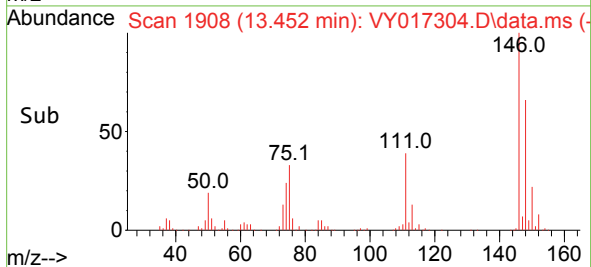
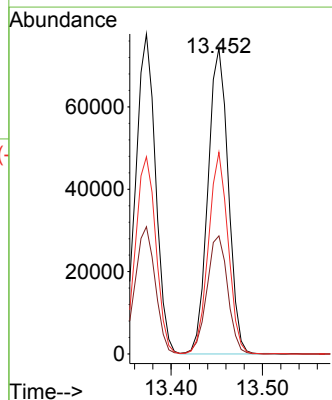
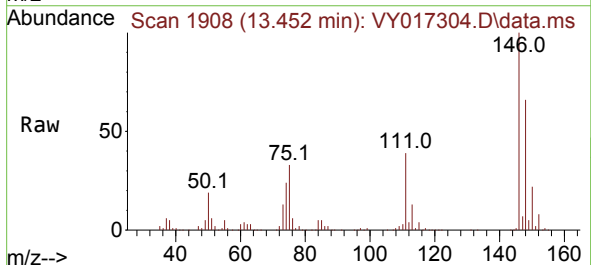
Instrument :
 MSVOA_Y
 ClientSampleId :

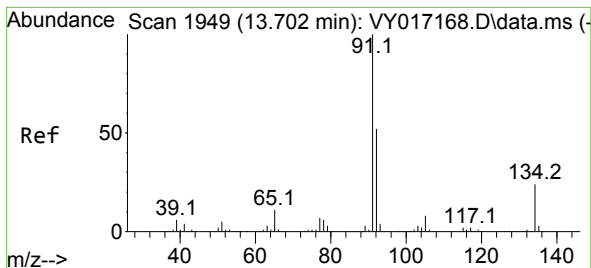
Tgt Ion:146 Resp: 118076
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.2 60.5
 148 63.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 52.522 ug/l
 RT: 13.452 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY017304.D
 Acq: 08 Feb 2024 11:36

Tgt Ion:146 Resp: 114543
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.3 57.9
 148 63.9 31.6 94.7





#89

n-Butylbenzene

Concen: 58.708 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

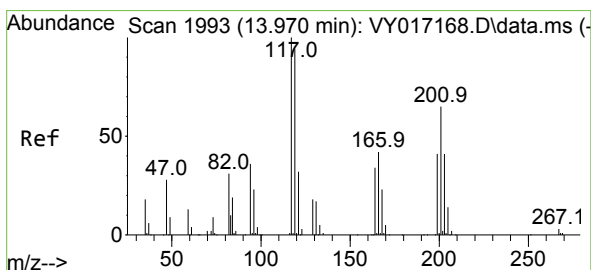
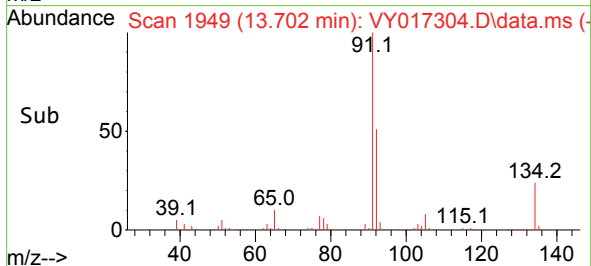
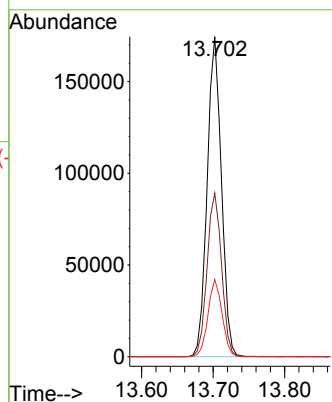
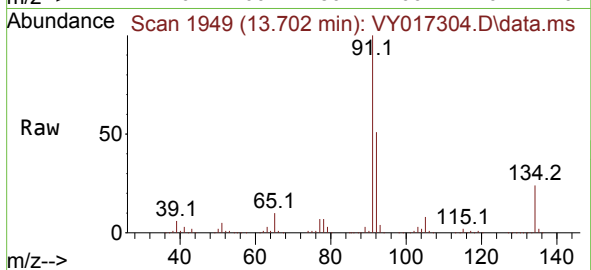
Tgt Ion: 91 Resp: 241099

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.2

134 23.9 12.3 36.8



#90

Hexachloroethane

Concen: 53.587 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY017304.D

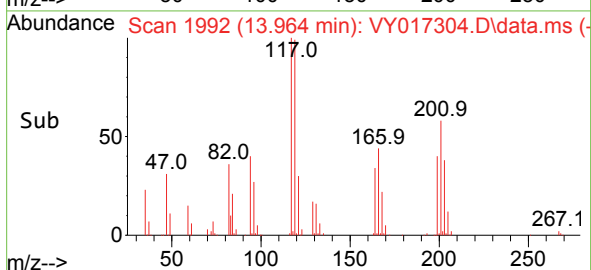
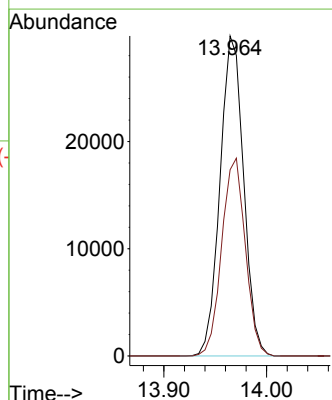
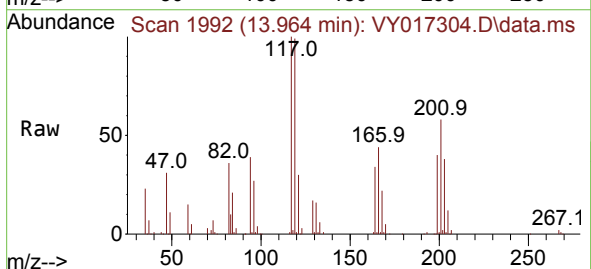
Acq: 08 Feb 2024 11:36

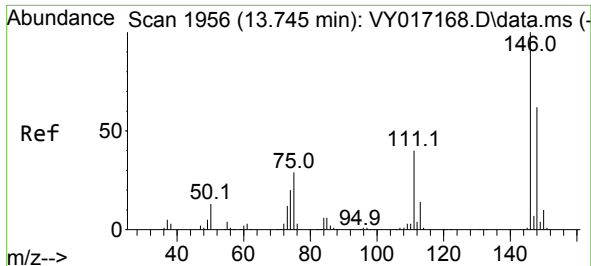
Tgt Ion: 117 Resp: 47517

Ion Ratio Lower Upper

117 100

201 62.0 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 52.701 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

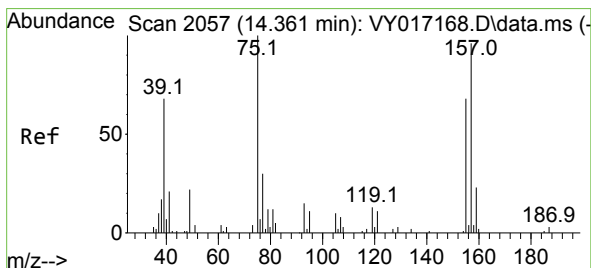
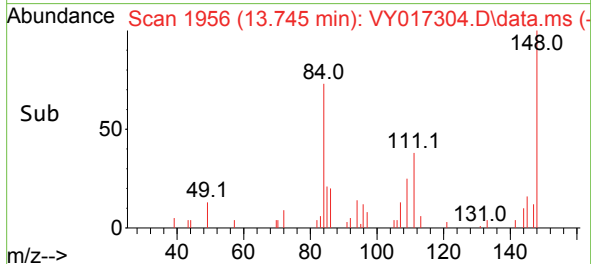
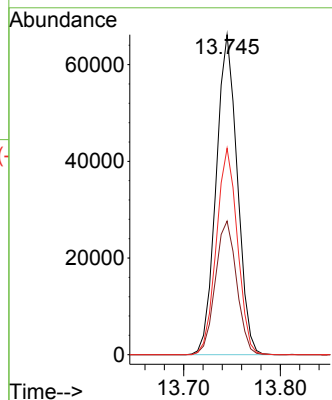
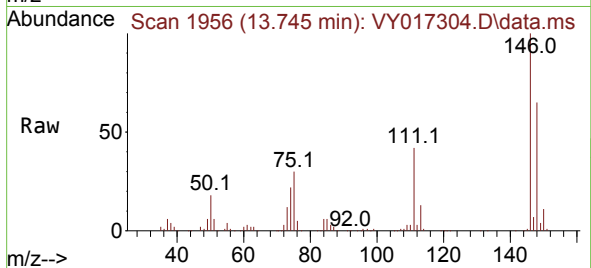
Tgt Ion:146 Resp: 100711

Ion Ratio Lower Upper

146 100

111 42.1 20.5 61.6

148 64.0 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.983 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

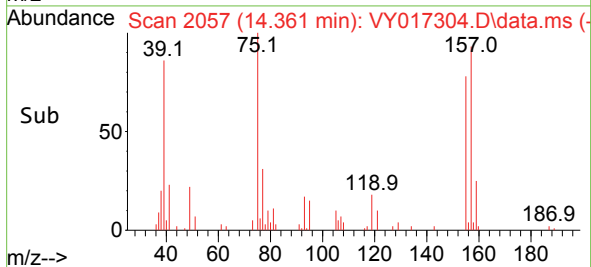
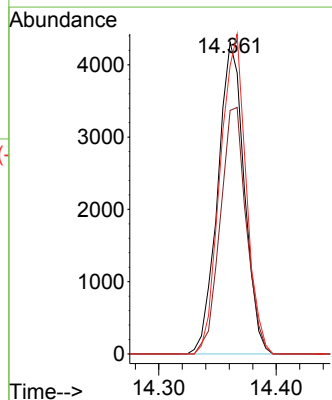
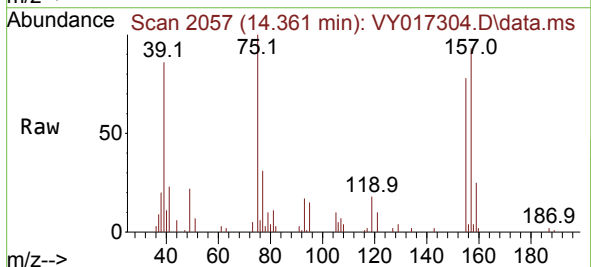
Tgt Ion: 75 Resp: 6756

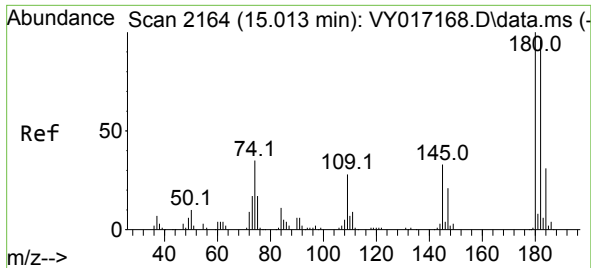
Ion Ratio Lower Upper

75 100

155 77.7 42.1 126.3

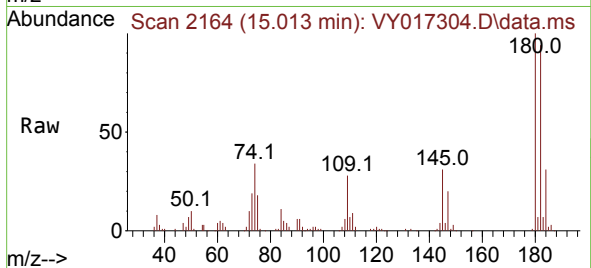
157 100.0 55.8 167.4



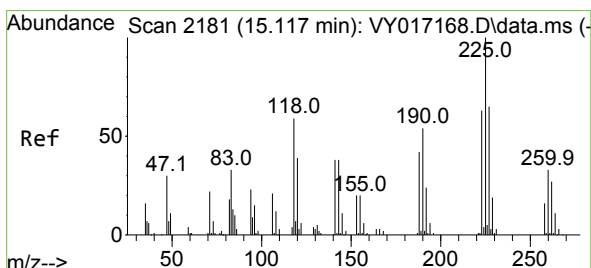
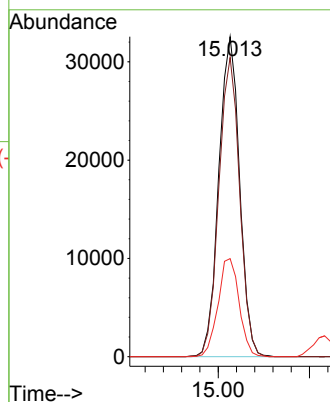
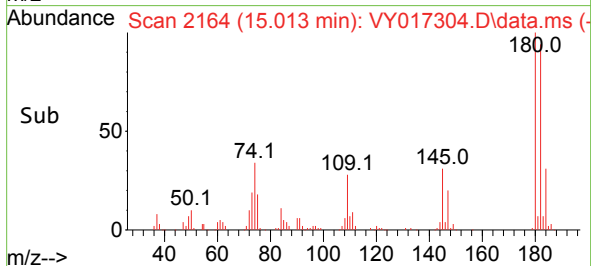


#93
 1,2,4-Trichlorobenzene
 Concen: 54.248 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: VY017304.D
 Acq: 08 Feb 2024 11:36

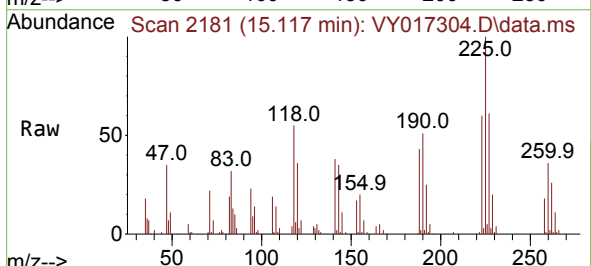
Instrument :
 MSVOA_Y
 ClientSampleId :



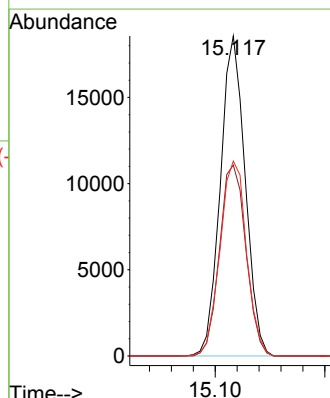
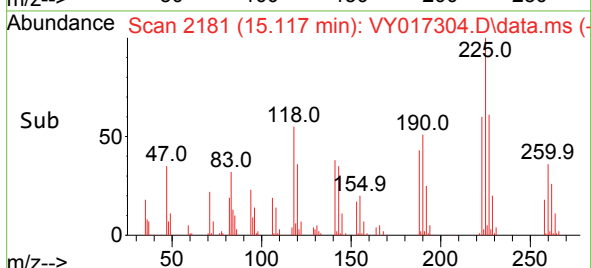
Tgt Ion:180 Resp: 51493
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.9 143.7
 145 31.2 15.9 47.7

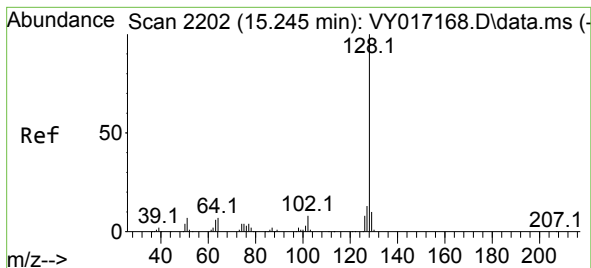


#94
 Hexachlorobutadiene
 Concen: 52.207 ug/l
 RT: 15.117 min Scan# 2181
 Delta R.T. 0.000 min
 Lab File: VY017304.D
 Acq: 08 Feb 2024 11:36



Tgt Ion:225 Resp: 29186
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.4 94.3
 227 64.9 32.3 96.8





#95

Naphthalene

Concen: 49.605 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

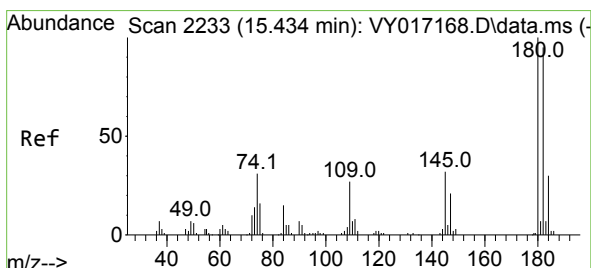
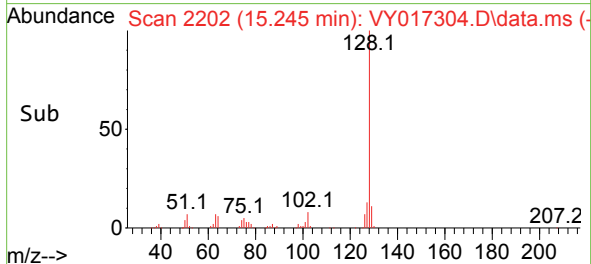
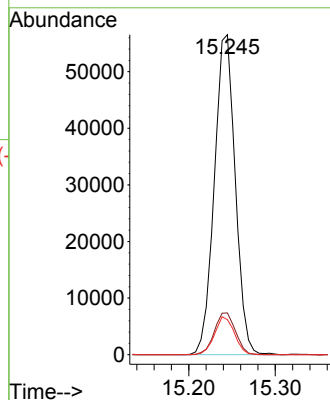
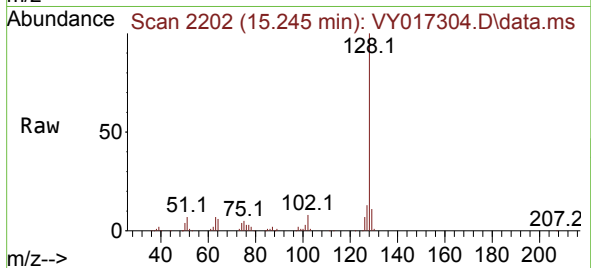
Tgt Ion:128 Resp: 94988

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.917 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017304.D

Acq: 08 Feb 2024 11:36

Tgt Ion:180 Resp: 41912

Ion Ratio Lower Upper

180 100

182 95.5 46.3 138.8

145 33.2 16.1 48.2

